API Well Number: 43013518770000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER Red Cap 2-8-3-3WH	
2. TYPE OF WORK DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** WILDCAT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY	**7. OPERATOR PHONE** 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052	**9. OPERATOR E-MAIL** mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-6035	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ● STATE ○ FEE ○
12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ● STATE ○ FEE ○	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')	**14. SURFACE OWNER PHONE (if box 12 = 'fee')**
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Heirs of Bob RedCap Ah-Va-Quim	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ●
19. SLANT VERTICAL ○ DIRECTIONAL ○ HORIZONTAL ●	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	251 FNL 1868 FEL	NWNE	8	3.0 S	3.0 W	U
Top of Uppermost Producing Zone	660 FNL 1980 FEL	NWNE	8	3.0 S	3.0 W	U
At Total Depth	660 FSL 1980 FEL	SWSE	8	3.0 S	3.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 251	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2960	**26. PROPOSED DEPTH** MD: 13737 TVD: 9264
27. ELEVATION - GROUND LEVEL 5493	**28. BOND NUMBER** RLB00100473	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8
Surf	12.25	9.625	0 - 2500	36.0	J-55 LT&C	8.3	Type III	216	3.33	11.0
							Type III	95	1.9	13.0
I1	8.75	7	0 - 9791	26.0	P-110 Other	11.5	35/65 Poz	301	2.59	11.5
							50/50 Poz	297	1.62	13.0
Prod	6.125	4.5	8864 - 13737	13.5	P-110 Other	11.5	No Used	0	0.0	0.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Don Hamilton	**TITLE** Permitting Agent	**PHONE** 435 719-2018
SIGNATURE	**DATE** 11/14/2012	**EMAIL** starpoint@etv.net

API NUMBER ASSIGNED 43013518770000	**APPROVAL** Permit Manager

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Newfield Production Company
2-8-3-3WH
Surface Hole Location: 251' FNL, 1868' FEL, Section 8, T3S, R3W
Bottom Hole Location: 660' FSL, 1980' FEL, Section 8, T3S, R3W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	4,081'
Garden Gulch member	7,010'
Uteland Butte	9,378'
Lateral TD	9,264' TVD / 13,737' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	4,241'	(water)
Green River	7,010' - 9,264'	(oil)

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	-- --	-- --	-- --
Surface 9 5/8	0'	2,500'	36	J-55	LTC	8.33	8.33	12	3,520 2.51	2,020 2.54	453,000 5.03
Intermediate 7	0'	9,426' 9,791'	26	P-110	BTC	11	11.5	15	9,960 2.24	6,210 1.32	830,000 3.26
Production 4 1/2	8,864'	9,264' 13,737'	13.5	P-110	BTC	11	11.5	--	12,410 2.84	10,670 2.31	422,000 6.41

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)

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Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Type III + .125 lbs/sk Cello Flakes	720 / 216	15%	11.0	3.33
Surface Tail	12 1/4	500'	Type III + .125 lbs/sk Cello Flakes	180 / 95	15%	13.0	1.9
Intermediate Lead	8 3/4	4,510'	Premium - 65% Class G / 35% Poz + 10% Bentonite	780 / 301	15%	11.5	2.59
Intermediate Tail	8 3/4	2,781'	50/50 Poz/Class G + 1% bentonite	481 / 297	15%	13.0	1.62
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The cement slurries will be adjusted for hole conditions and blend test results.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

Interval — **Description**

Surface - 2,500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

2,500' - TD

A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and

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if conditions warrant, with barite.
Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run in the intermediate section from the top of the curve to the base of the surface casing. A compensated neutron/formation density log will be run in the intermediate section from the top of the curve to the top of the Garden Gulch formation. A cement bond log will be run from the top of the curve to the cement top behind the intermediate casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.57 psi/ft gradient.

9,264' x 0.57 psi/ft = 5299 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" vertical hole will be drilled to a kick off point of 8,914' .
Directional tools will then be used to build to 92.50 degrees inclination.
The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat.
A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:
- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

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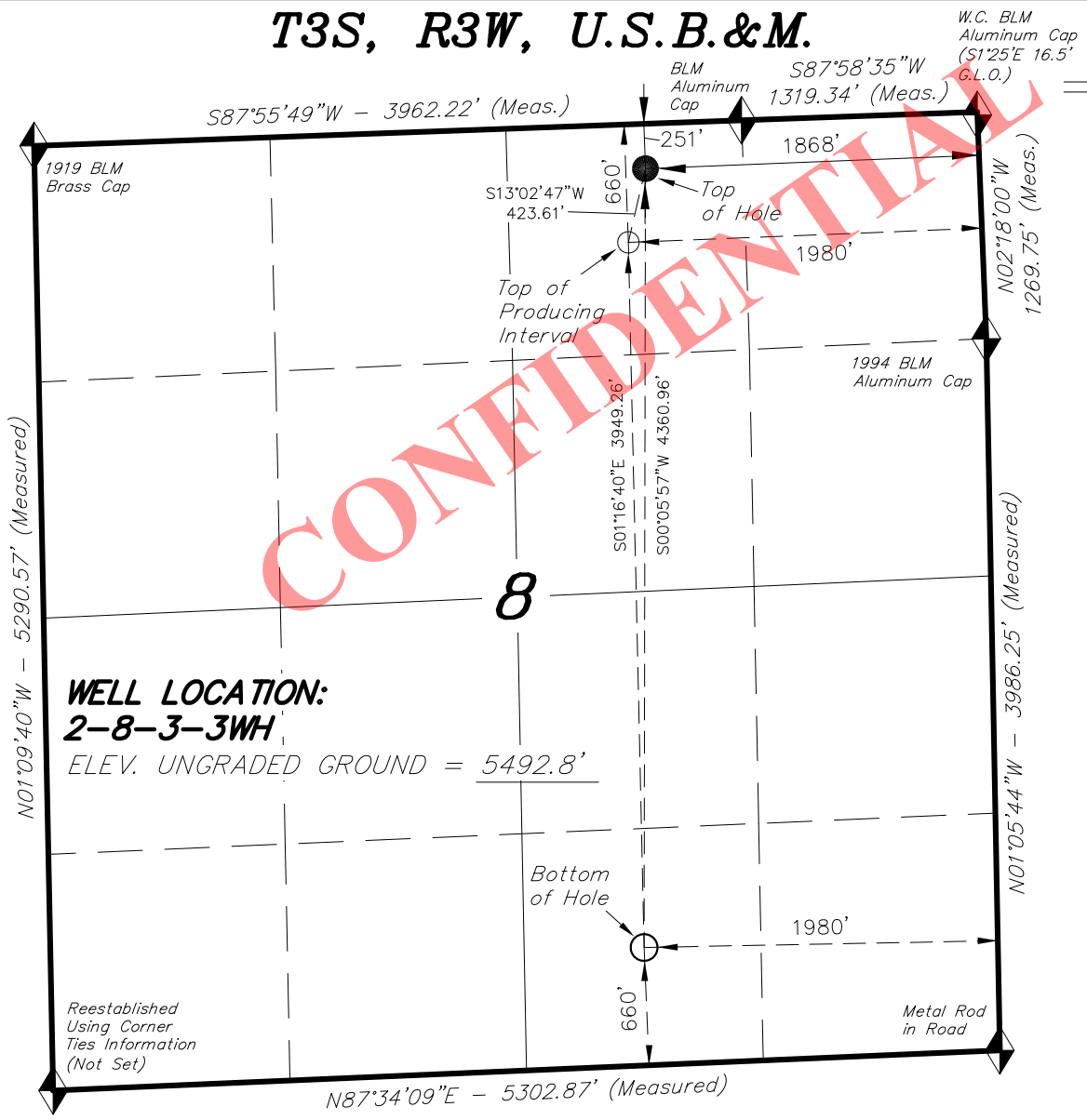
T3S, R3W, U.S.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 2-8-3-3WH, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 8, T3S, R3W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, 2-8-3-3WH, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 8, T3S, R3W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'

BAR SCALE

N

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
No. 189377
02-01-12
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. [illegible]
STATE OF UTAH

= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

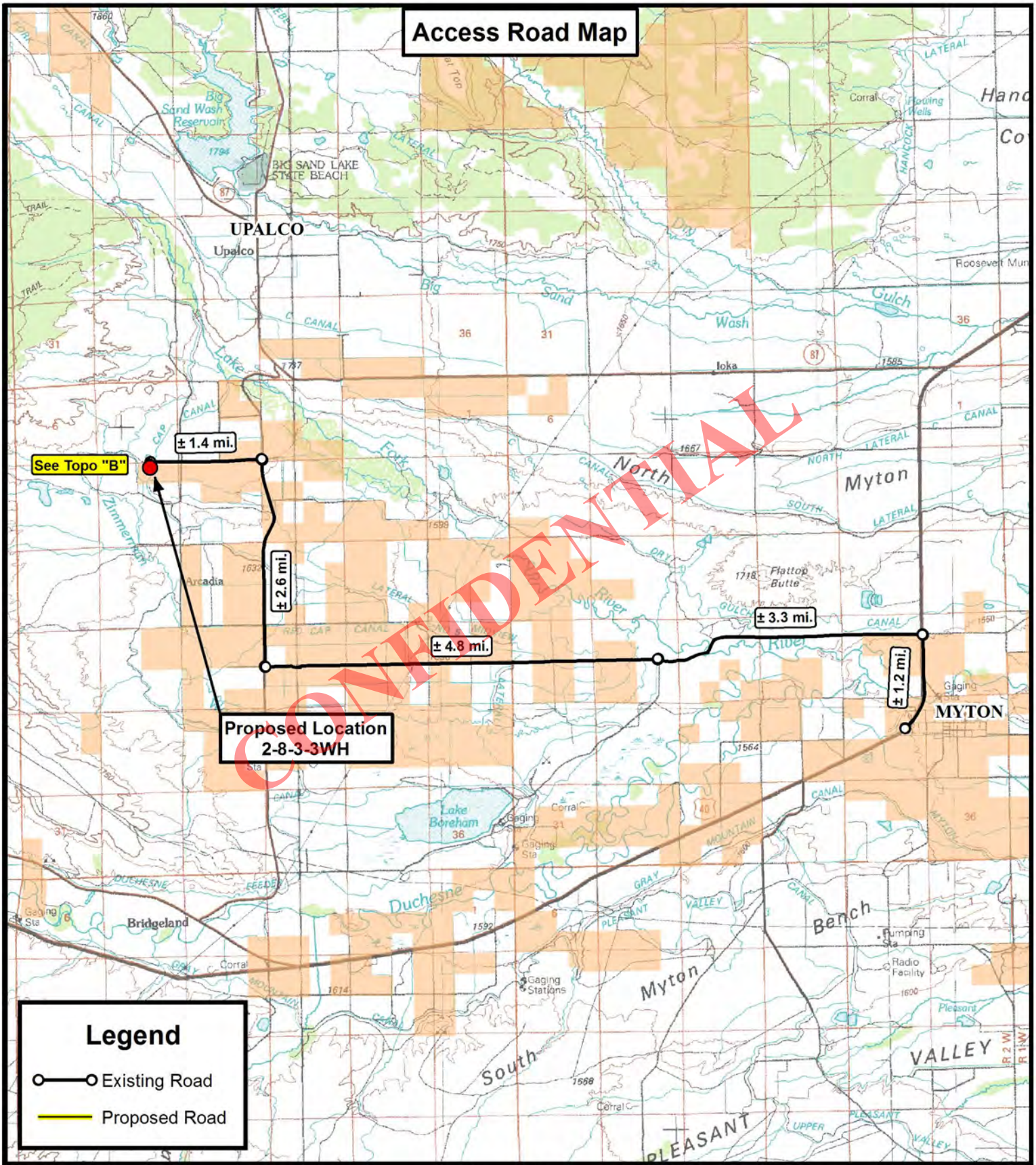
2-8-3-3WH (Surface Location) NAD 83
LATITUDE = 40° 14' 33.97"
LONGITUDE = 110° 14' 39.10"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 01-25-12	SURVEYED BY: K.S.	VERSION:
DATE DRAWN: 01-30-12	DRAWN BY: R.B.T.	V1
REVISED:	SCALE: 1" = 1000'	

RECEIVED: November 14, 2012

API Well Number: 43013518770000



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

2-8-3-3WH
SEC. 8, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

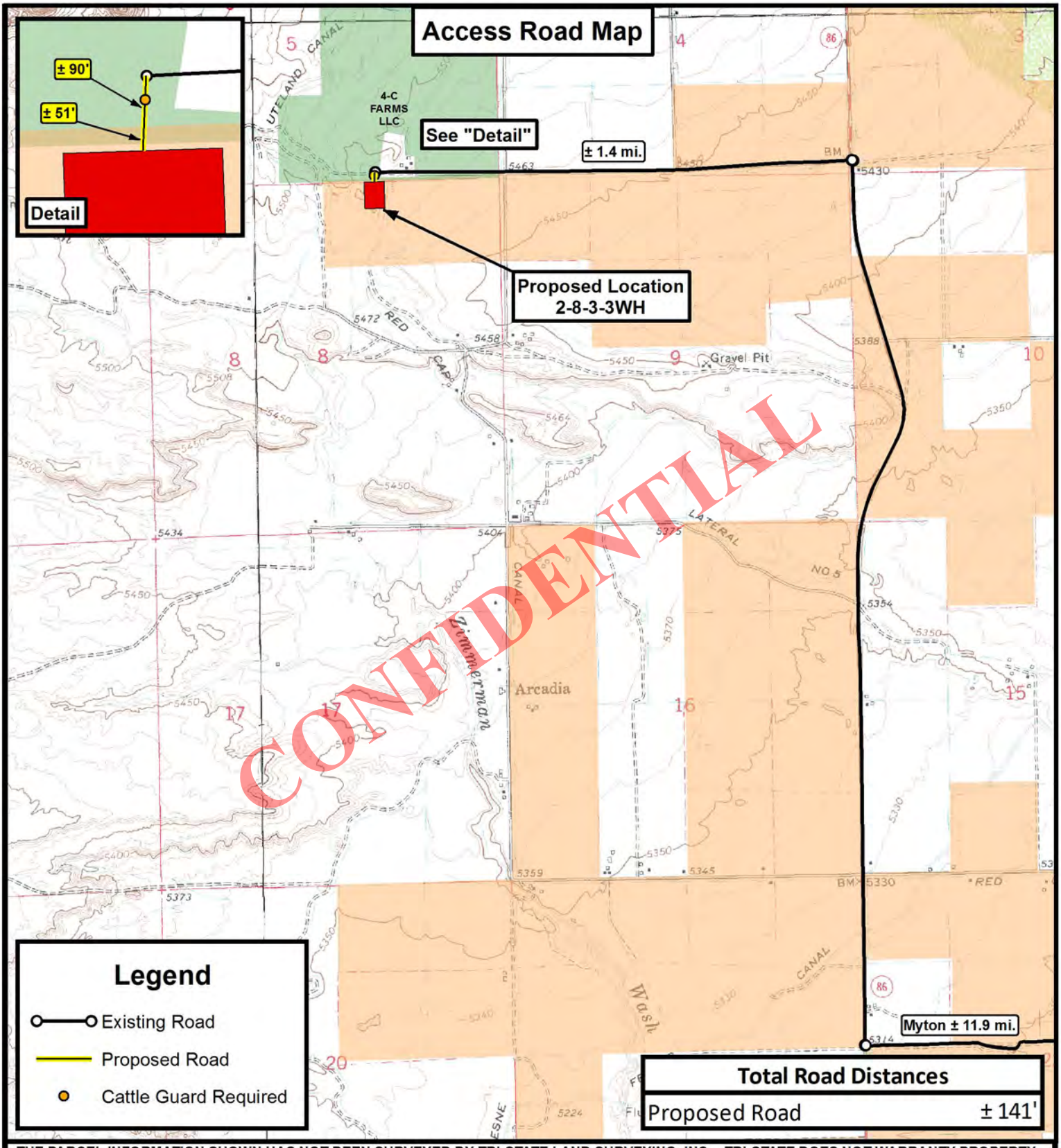
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	01-30-2012		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013518770000

Access Road Map



Legend

- Existing Road
- Proposed Road
- Cattle Guard Required

Total Road Distances	
Proposed Road	± 141'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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N

NEWFIELD EXPLORATION COMPANY

2-8-3-3WH
SEC. 8, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

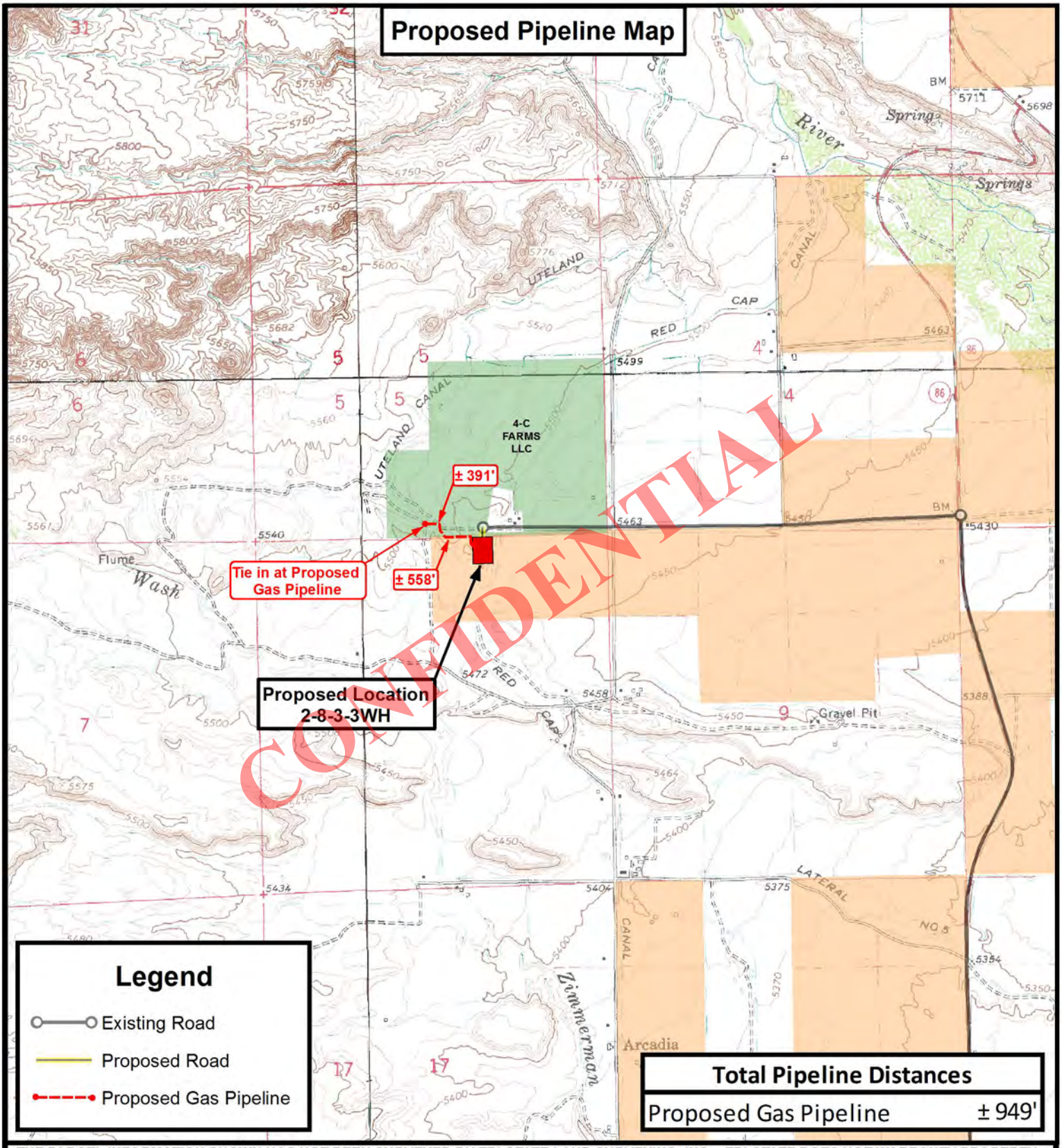
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	01-30-2012		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013518770000

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Road
- Proposed Gas Pipeline

Total Pipeline Distances

Proposed Gas Pipeline	± 949'

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180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

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NEWFIELD EXPLORATION COMPANY

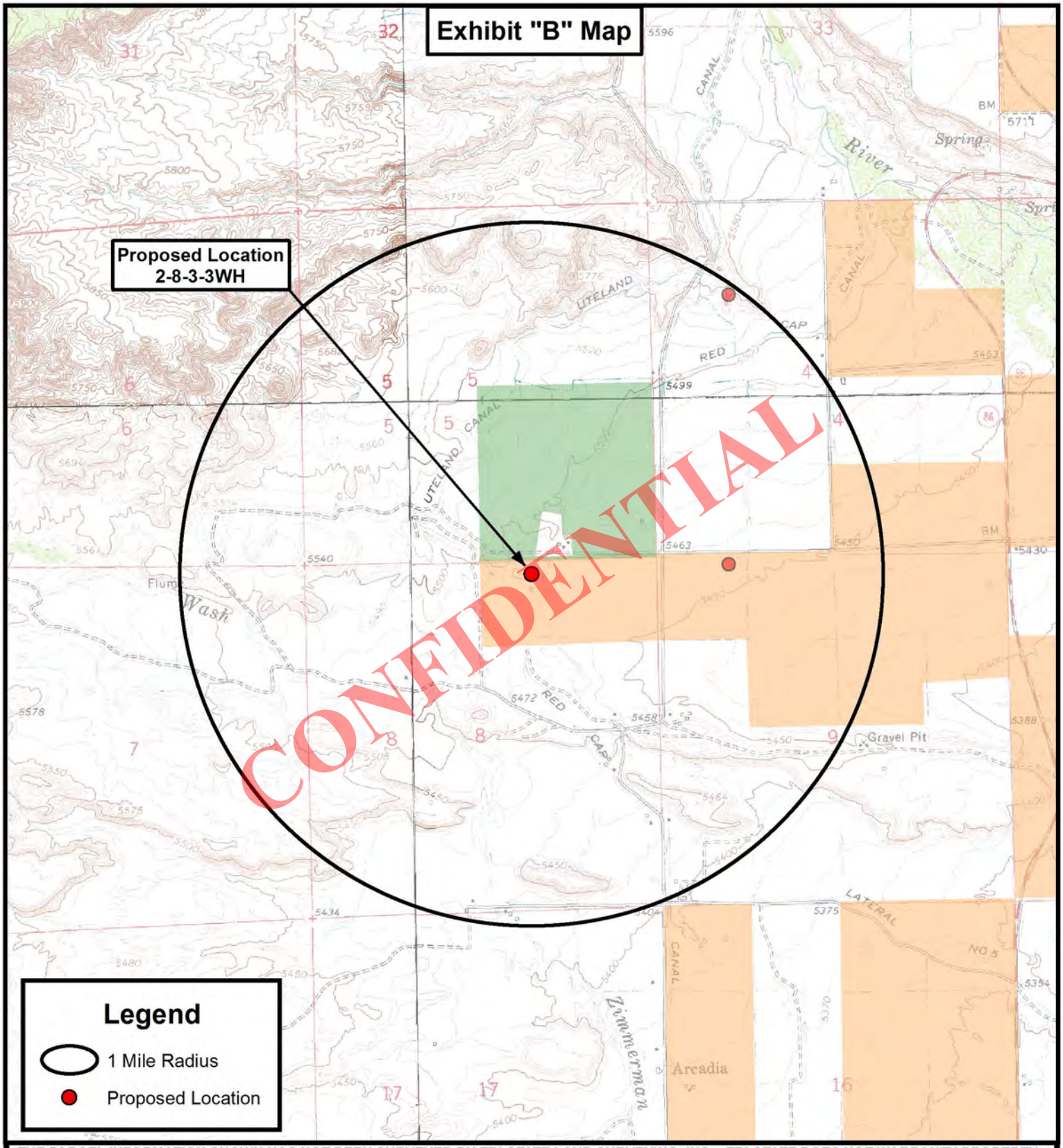
2-8-3-3WH
SEC. 8, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	01-30-2012		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013518770000



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N

NEWFIELD EXPLORATION COMPANY

2-8-3-3WH
SEC. 8, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	01-30-2012		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

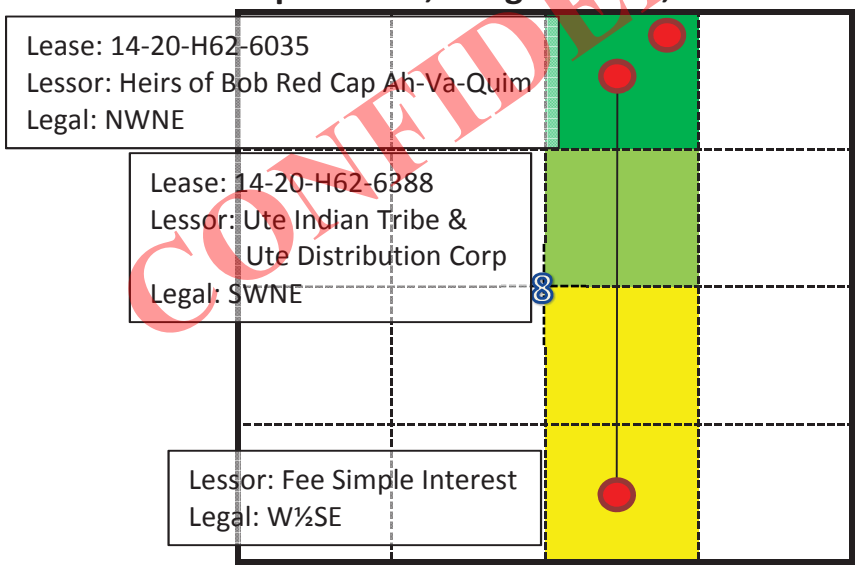
Red Cap 2-8-3-3WH

SHL 251' FNL & 1868' FEL

Top of Producing Interval 660' FNL & 1980' FEL

BHL 660' FSL & 1980' FEL

Township 3 South, Range 3 West, Section 8: W½E½



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Newfield Exploration Company

Duchesne County, UT
Sec. 8-T3S-R3W
2-8-3-3WH

Plan A Rev 0 Permit

Plan: Plan A Rev 0 Proposal - Permit Only

Sperry Drilling Services

Proposal Report

30 October, 2012

Well Coordinates: 7,259,616.16 N, 1,990,959.68 E (40° 14' 33.97" N, 110° 14' 39.10" W)
Ground Level: 5,493.00 ft

Local Coordinate Origin:	Centered on Well 2-8-3-3WH
Viewing Datum:	RKB 18' @ 5511.00ft (Unknown)
TVDs to System:	N
North Reference:	True
Unit System:	API - US Survey Feet - Custom

Geodetic Scale Factor Applied
Version: 2003.16 Build: 43I

HALLIBURTON

API Well Number: 43013518770000

Project: Duchesne County, UT
Site: Sec. 8-T3S-R3W
Well: 2-8-3-3WH
Wellbore: Plan A Rev 0 Permit
Design: Plan A Rev 0 Proposal - Permit Only

Newfield Exploration Company

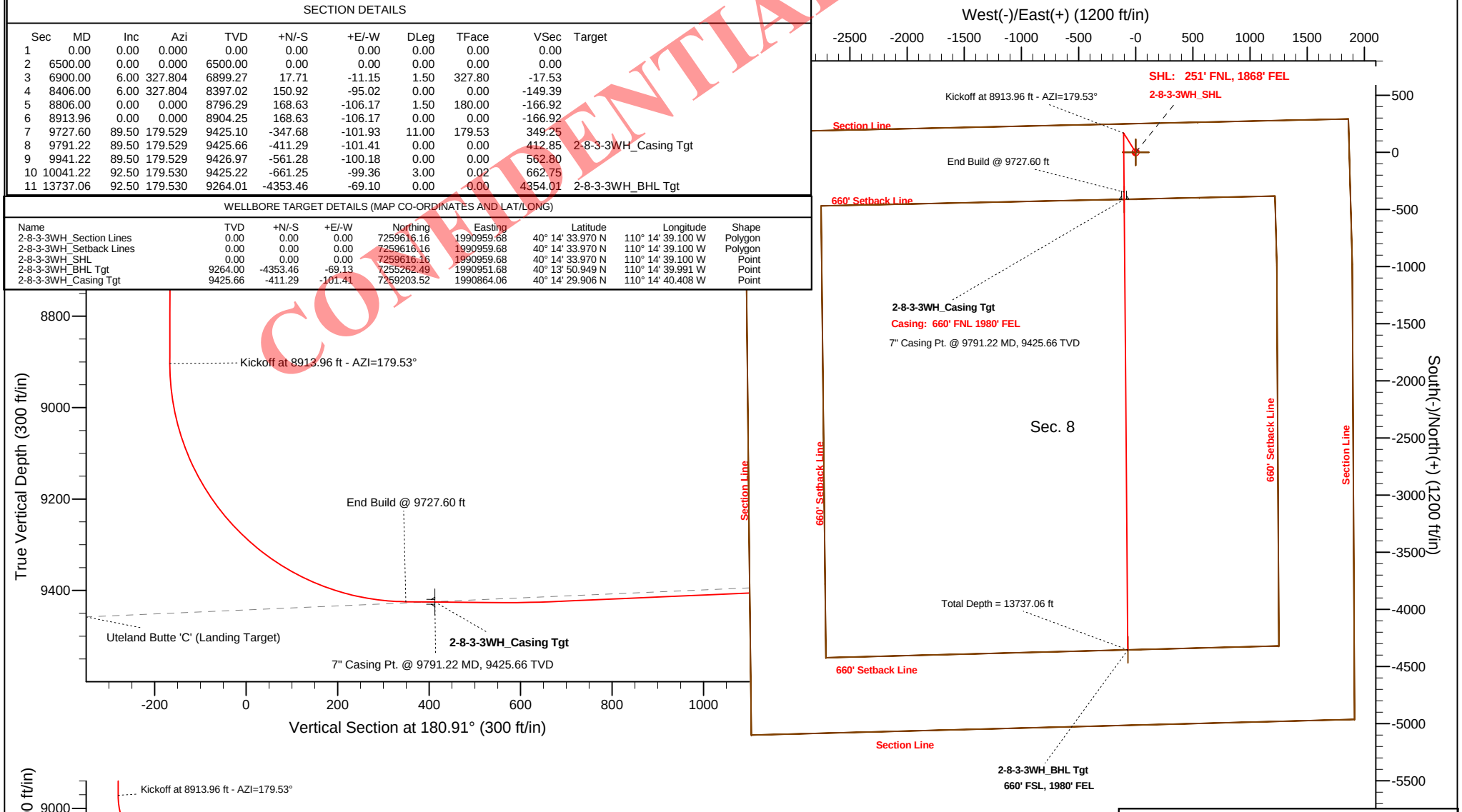
HALLIBURTON
Sperry Drilling

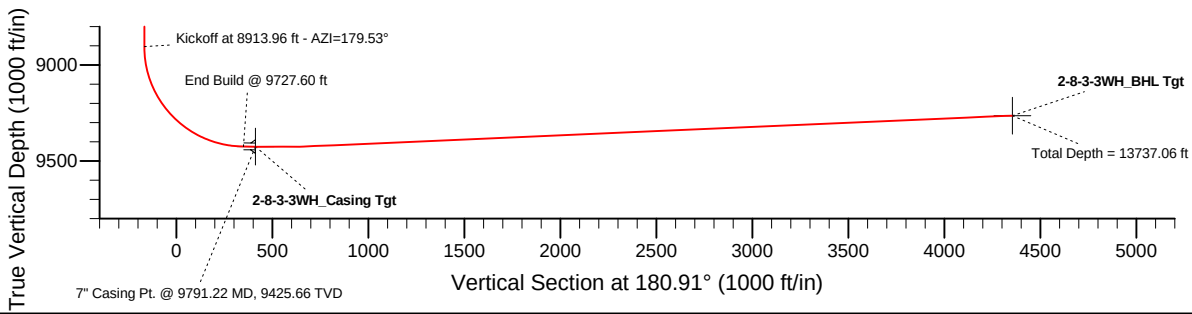
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
2	6500.00	0.00	0.000	6500.00	0.00	0.00	0.00	0.00	0.00	
3	6900.00	6.00	327.804	6899.27	17.71	-11.15	1.50	327.80	-17.53	
4	8406.00	6.00	327.804	8397.02	150.92	-95.02	0.00	0.00	-149.39	
5	8806.00	0.00	0.000	8796.29	168.63	-106.17	1.50	180.00	-166.92	
6	8913.96	0.00	0.000	8904.25	168.63	-106.17	0.00	0.00	-166.92	
7	9727.60	89.50	179.529	9425.10	-347.68	-101.93	11.00	179.53	349.25	
8	9791.22	89.50	179.529	9425.66	-411.29	-101.41	0.00	0.00	412.85	2-8-3-3WH_Casing Tgt
9	9941.22	89.50	179.529	9426.97	-561.28	-100.18	0.00	0.00	562.80	
10	10041.22	92.50	179.530	9425.22	-661.25	-99.36	3.00	0.02	662.75	
11	13737.06	92.50	179.530	9264.01	-4353.46	-69.10	0.00	0.00	4354.01	2-8-3-3WH_BHL Tgt

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
2-8-3-3WH_Section Lines	0.00	0.00	0.00	7259616.16	1990959.68	40° 14' 33.970 N	110° 14' 39.100 W	Polygon
2-8-3-3WH_Setback Lines	0.00	0.00	0.00	7259616.16	1990959.68	40° 14' 33.970 N	110° 14' 39.100 W	Polygon
2-8-3-3WH_SHL	0.00	0.00	0.00	7259616.16	1990959.68	40° 14' 33.970 N	110° 14' 39.100 W	Point
2-8-3-3WH_BHL Tgt	9264.00	-4353.46	-69.13	7255262.49	1990951.68	40° 13' 50.949 N	110° 14' 39.991 W	Point
2-8-3-3WH_Casing Tgt	9425.66	-411.29	-101.41	7259203.52	1990864.06	40° 14' 29.906 N	110° 14' 40.408 W	Point





WELL DETAILS: 2-8-3-3WH

Ground Level: 5493.00

Northing	Easting	Latittude	Longitude
7259616.16	1990959.68	40° 14' 33.970 N	110° 14' 39.100 W

Plan A Rev 0 Proposal - Permit Only (2-8-3-3WH)

Created By: Jerry Popp Date: 10/30/2012

Checked: _____ Date: _____

RECEIVED: November 14, 2012

Plan Report for 2-8-3-3WH - Plan A Rev 0 Proposal - Permit Only

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.000	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.000	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.000	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.000	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.000	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.000	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.000	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.000	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.000	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.000	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.000	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.000	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.000	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.000	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.000	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.000	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.000	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.000	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.000	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.000	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.000	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.000	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.000	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.000	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.000	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.000	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.000	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.000	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.000	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.000	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.000	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.000	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.000	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.000	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.000	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.000	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.000	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.000	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.000	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.000	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.000	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.000	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.000	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.000	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.000	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.000	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.000	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.000	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.000	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.000	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.000	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.000	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.000	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.000	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.000	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.000	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.000	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Plan Report for 2-8-3-3WH - Plan A Rev 0 Proposal - Permit Only

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
5,900.00	0.00	0.000	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.000	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.000	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.000	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.000	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.000	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.000	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	1.50	327.804	6,599.99	1.11	-0.70	-1.10	1.50	1.50	0.00	327.80
6,700.00	3.00	327.804	6,699.91	4.43	-2.79	-4.39	1.50	1.50	0.00	0.00
6,800.00	4.50	327.804	6,799.69	9.96	-6.27	-9.86	1.50	1.50	0.00	0.00
6,900.00	6.00	327.804	6,899.27	17.71	-11.15	-17.53	1.50	1.50	0.00	0.00
7,000.00	6.00	327.804	6,998.72	26.55	-16.72	-26.28	0.00	0.00	0.00	0.00
7,100.00	6.00	327.804	7,098.17	35.40	-22.29	-35.04	0.00	0.00	0.00	0.00
7,200.00	6.00	327.804	7,197.63	44.24	-27.86	-43.80	0.00	0.00	0.00	0.00
7,300.00	6.00	327.804	7,297.08	53.09	-33.43	-52.55	0.00	0.00	0.00	0.00
7,400.00	6.00	327.804	7,396.53	61.94	-39.00	-61.31	0.00	0.00	0.00	0.00
7,500.00	6.00	327.804	7,495.98	70.78	-44.57	-70.06	0.00	0.00	0.00	0.00
7,600.00	6.00	327.804	7,595.43	79.63	-50.13	-78.82	0.00	0.00	0.00	0.00
7,700.00	6.00	327.804	7,694.89	88.47	-55.70	-87.58	0.00	0.00	0.00	0.00
7,800.00	6.00	327.804	7,794.34	97.32	-61.27	-96.33	0.00	0.00	0.00	0.00
7,900.00	6.00	327.804	7,893.79	106.16	-66.84	-105.09	0.00	0.00	0.00	0.00
8,000.00	6.00	327.804	7,993.24	115.01	-72.41	-113.84	0.00	0.00	0.00	0.00
8,100.00	6.00	327.804	8,092.70	123.85	-77.98	-122.60	0.00	0.00	0.00	0.00
8,200.00	6.00	327.804	8,192.15	132.70	-83.55	-131.36	0.00	0.00	0.00	0.00
8,300.00	6.00	327.804	8,291.60	141.55	-89.12	-140.11	0.00	0.00	0.00	0.00
8,406.00	6.00	327.804	8,397.02	150.92	-95.02	-149.39	0.00	0.00	0.00	0.00
8,500.00	4.59	327.804	8,490.62	158.26	-99.65	-156.66	1.50	-1.50	0.00	180.00
8,600.00	3.09	327.804	8,590.39	163.93	-103.21	-162.27	1.50	-1.50	0.00	180.00
8,700.00	1.59	327.804	8,690.30	167.38	-105.39	-165.69	1.50	-1.50	0.00	180.00
8,806.00	0.00	0.000	8,796.29	168.63	-106.17	-166.92	1.50	-1.50	0.00	180.00
8,900.00	0.00	0.000	8,890.29	168.63	-106.17	-166.92	0.00	0.00	0.00	0.00
8,913.96	0.00	0.000	8,904.25	168.63	-106.17	-166.92	0.00	0.00	0.00	0.00
Kickoff at 8913.96 ft - AZI=179.53°										
8,950.00	3.96	179.529	8,940.26	167.38	-106.16	-165.68	11.00	11.00	0.00	179.53
9,000.00	9.46	179.529	8,989.90	161.54	-106.11	-159.83	11.00	11.00	0.00	0.00
9,050.00	14.96	179.529	9,038.75	150.97	-106.03	-149.26	11.00	11.00	0.00	0.00
9,100.00	20.46	179.529	9,086.36	135.76	-105.90	-134.06	11.00	11.00	0.00	0.00
9,150.00	25.96	179.529	9,132.29	116.06	-105.74	-114.36	11.00	11.00	0.00	0.00
9,200.00	31.46	179.529	9,176.13	92.05	-105.54	-90.36	11.00	11.00	0.00	0.00
9,250.00	36.96	179.529	9,217.46	63.94	-105.31	-62.26	11.00	11.00	0.00	0.00
9,300.00	42.46	179.529	9,255.91	32.01	-105.05	-30.34	11.00	11.00	0.00	0.00
9,350.00	47.96	179.529	9,291.11	-3.46	-104.76	5.13	11.00	11.00	0.00	0.00
9,400.00	53.46	179.529	9,322.76	-42.15	-104.44	43.80	11.00	11.00	0.00	0.00
9,450.00	58.96	179.529	9,350.56	-83.69	-104.10	85.33	11.00	11.00	0.00	0.00
9,500.00	64.46	179.529	9,374.24	-127.70	-103.74	129.33	11.00	11.00	0.00	0.00
9,550.00	69.96	179.529	9,393.60	-173.78	-103.36	175.40	11.00	11.00	0.00	0.00
9,600.00	75.46	179.529	9,408.45	-221.50	-102.97	223.11	11.00	11.00	0.00	0.00
9,650.00	80.96	179.529	9,418.66	-270.42	-102.57	272.02	11.00	11.00	0.00	0.00
9,700.00	86.46	179.529	9,424.13	-320.10	-102.16	321.68	11.00	11.00	0.00	0.00
9,727.60	89.50	179.529	9,425.10	-347.68	-101.93	349.26	11.00	11.00	0.00	0.00
End Build @ 9727.60 ft										
9,778.35	89.50	179.529	9,425.54	-398.43	-101.52	399.99	0.00	0.00	0.00	0.00
Uteland Butte 'C' (Landing Target)										
9,791.22	89.50	179.529	9,425.66	-411.29	-101.41	412.85	0.00	0.00	0.00	0.00
7" Casing Pt. @ 9791.22 MD, 9425.66 TVD - 7" - 2-8-3-3WH_Casing Tgt										
9,800.00	89.50	179.529	9,425.73	-420.08	-101.34	421.63	0.00	0.00	0.00	0.00
9,900.00	89.50	179.529	9,426.61	-520.07	-100.52	521.60	0.00	0.00	0.00	0.00
9,941.22	89.50	179.529	9,426.97	-561.28	-100.18	562.80	0.00	0.00	0.00	0.00
10,000.00	91.26	179.530	9,426.57	-620.06	-99.70	621.57	3.00	3.00	0.00	0.02

Plan Report for 2-8-3-3WH - Plan A Rev 0 Proposal - Permit Only

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
10,041.22	92.50	179.530	9,425.22	-661.25	-99.36	662.75	3.00	3.00	0.00	0.02
10,100.00	92.50	179.530	9,422.66	-719.98	-98.88	721.46	0.00	0.00	0.00	0.00
10,200.00	92.50	179.530	9,418.29	-819.88	-98.06	821.33	0.00	0.00	0.00	0.00
10,300.00	92.50	179.530	9,413.93	-919.78	-97.24	921.21	0.00	0.00	0.00	0.00
10,400.00	92.50	179.530	9,409.57	-1,019.68	-96.42	1,021.08	0.00	0.00	0.00	0.00
10,500.00	92.50	179.530	9,405.21	-1,119.58	-95.60	1,120.96	0.00	0.00	0.00	0.00
10,600.00	92.50	179.530	9,400.85	-1,219.49	-94.78	1,220.84	0.00	0.00	0.00	0.00
10,700.00	92.50	179.530	9,396.48	-1,319.39	-93.96	1,320.71	0.00	0.00	0.00	0.00
10,800.00	92.50	179.530	9,392.12	-1,419.29	-93.15	1,420.59	0.00	0.00	0.00	0.00
10,900.00	92.50	179.530	9,387.76	-1,519.19	-92.33	1,520.46	0.00	0.00	0.00	0.00
11,000.00	92.50	179.530	9,383.40	-1,619.09	-91.51	1,620.34	0.00	0.00	0.00	0.00
11,100.00	92.50	179.530	9,379.04	-1,718.99	-90.69	1,720.22	0.00	0.00	0.00	0.00
11,200.00	92.50	179.530	9,374.67	-1,818.89	-89.87	1,820.09	0.00	0.00	0.00	0.00
11,300.00	92.50	179.530	9,370.31	-1,918.80	-89.05	1,919.97	0.00	0.00	0.00	0.00
11,400.00	92.50	179.530	9,365.95	-2,018.70	-88.23	2,019.84	0.00	0.00	0.00	0.00
11,500.00	92.50	179.530	9,361.59	-2,118.60	-87.41	2,119.72	0.00	0.00	0.00	0.00
11,600.00	92.50	179.530	9,357.23	-2,218.50	-86.60	2,219.60	0.00	0.00	0.00	0.00
11,700.00	92.50	179.530	9,352.86	-2,318.40	-85.78	2,319.47	0.00	0.00	0.00	0.00
11,800.00	92.50	179.530	9,348.50	-2,418.30	-84.96	2,419.35	0.00	0.00	0.00	0.00
11,900.00	92.50	179.530	9,344.14	-2,518.20	-84.14	2,519.22	0.00	0.00	0.00	0.00
12,000.00	92.50	179.530	9,339.78	-2,618.11	-83.32	2,619.10	0.00	0.00	0.00	0.00
12,100.00	92.50	179.530	9,335.42	-2,718.01	-82.50	2,718.97	0.00	0.00	0.00	0.00
12,200.00	92.50	179.530	9,331.06	-2,817.91	-81.68	2,818.85	0.00	0.00	0.00	0.00
12,300.00	92.50	179.530	9,326.69	-2,917.81	-80.86	2,918.73	0.00	0.00	0.00	0.00
12,400.00	92.50	179.530	9,322.33	-3,017.71	-80.05	3,018.60	0.00	0.00	0.00	0.00
12,500.00	92.50	179.530	9,317.97	-3,117.61	-79.23	3,118.48	0.00	0.00	0.00	0.00
12,600.00	92.50	179.530	9,313.61	-3,217.51	-78.41	3,218.35	0.00	0.00	0.00	0.00
12,700.00	92.50	179.530	9,309.25	-3,317.42	-77.59	3,318.23	0.00	0.00	0.00	0.00
12,800.00	92.50	179.530	9,304.88	-3,417.32	-76.77	3,418.11	0.00	0.00	0.00	0.00
12,900.00	92.50	179.530	9,300.52	-3,517.22	-75.95	3,517.98	0.00	0.00	0.00	0.00
13,000.00	92.50	179.530	9,296.16	-3,617.12	-75.13	3,617.86	0.00	0.00	0.00	0.00
13,100.00	92.50	179.530	9,291.80	-3,717.02	-74.31	3,717.73	0.00	0.00	0.00	0.00
13,200.00	92.50	179.530	9,287.44	-3,816.92	-73.50	3,817.61	0.00	0.00	0.00	0.00
13,300.00	92.50	179.530	9,283.07	-3,916.83	-72.68	3,917.49	0.00	0.00	0.00	0.00
13,400.00	92.50	179.530	9,278.71	-4,016.73	-71.86	4,017.36	0.00	0.00	0.00	0.00
13,500.00	92.50	179.530	9,274.35	-4,116.63	-71.04	4,117.24	0.00	0.00	0.00	0.00
13,600.00	92.50	179.530	9,269.99	-4,216.53	-70.22	4,217.11	0.00	0.00	0.00	0.00
13,700.00	92.50	179.530	9,265.63	-4,316.43	-69.40	4,316.99	0.00	0.00	0.00	0.00
13,737.06	92.50	179.530	9,264.01	-4,353.45	-69.10	4,354.00	0.00	0.00	0.00	0.00
Total Depth = 13737.06 ft - 2-8-3-3WH_BHL Tgt										

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
8,913.96	8,904.25	168.63	-106.17	Kickoff at 8913.96 ft - AZI=179.53°
9,727.60	9,425.10	-347.68	-101.93	End Build @ 9727.60 ft
9,791.22	9,425.66	-411.30	-101.41	7" Casing Pt. @ 9791.22 MD, 9425.66 TVD
13,737.06	9,264.01	-4,353.45	-69.10	Total Depth = 13737.06 ft

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/_S (ft)	Origin +E/-W (ft)	Start TVD (ft)
Target	2-8-3-3WH_BHL Tgt	180.910	Slot	0.00	0.00	0.00

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Plan Report for 2-8-3-3WH - Plan A Rev 0 Proposal - Permit Only

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
0.00	13,737.06	Plan A Rev 0 Proposal - Permit Only	MWD

Casing Details

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
9,791.22	9,425.66	7"	7	8-3/4

Formation Details

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
9,778.35	9,443.00	Uteland Butte 'C' (Landing Target)		-2.50	180.804

Targets associated with this wellbore

Target Name	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Shape
2-8-3-3WH_BHL Tgt	9,264.00	-4,353.46	-69.13	Point
2-8-3-3WH_Setback Lines	0.00	0.00	0.00	Polygon
2-8-3-3WH_Section Lines	0.00	0.00	0.00	Polygon
2-8-3-3WH_SHL	0.00	0.00	0.00	Point
2-8-3-3WH_Casing Tgt	9,425.66	-411.29	-101.41	Point

Newfield Exploration Company

HALLIBURTON

Duchesne County, UT

North Reference Sheet for Sec. 8-T3S-R3W - 2-8-3-3WH - Plan A Rev 0 Permit

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.
Vertical Depths are relative to RKB 18' @ 5511.00ft (Unknown). Northing and Easting are relative to 2-8-3-3WH
Coordinate System is US State Plane 1983, Utah Central Zone using datum North American Datum 1983, ellipsoid GRS 1980

Projection method is Lambert Conformal Conic (2 parallel)
Central Meridian is -111.50°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:40° 39' 0.000 N°
False Easting: 1,640,416.67ft, False Northing: 6,561,666.67ft, Scale Reduction: 0.99992410

Grid Coordinates of Well: 7,259,616.16 ft N, 1,990,959.68 ft E
Geographical Coordinates of Well: 40° 14' 33.97" N, 110° 14' 39.10" W
Grid Convergence at Surface is: 0.80°

Based upon Minimum Curvature type calculations, at a Measured Depth of 13,737.06ft
the Bottom Hole Displacement is 4,354.00ft in the Direction of 180.91° (True).

Magnetic Convergence at surface is: -10.47° (30 October 2012, , BGGM2012)

RECEIVED: November 14, 2012

AFFIDAVIT OF EASEMENT AND RIGHT-OF-WAY

Peter Burns personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Peter Burns. I am a Land Associate for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").

2. Newfield is the Operator of the proposed Red Cap 2-8-3-3WH well with a surface location to be positioned in the NWNE of Section 8, Township 3 South, Range 3 West, Duchesne County, Utah (the "Drillsite Location"). The surface owner of a portion of the pipeline route is 4C Farms, LLC, whose address is HC 64 Box 278, Duchesne, UT 84021 ("Surface Owner").

3. Newfield and the Surface Owner have agreed upon an Easement and Right-of-Way dated December 14, 2011 covering the SE and E2SESW of Section 5, Township 3 South, Range 3 West, Duchesne County, Utah.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

ACKNOWLEDGEMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

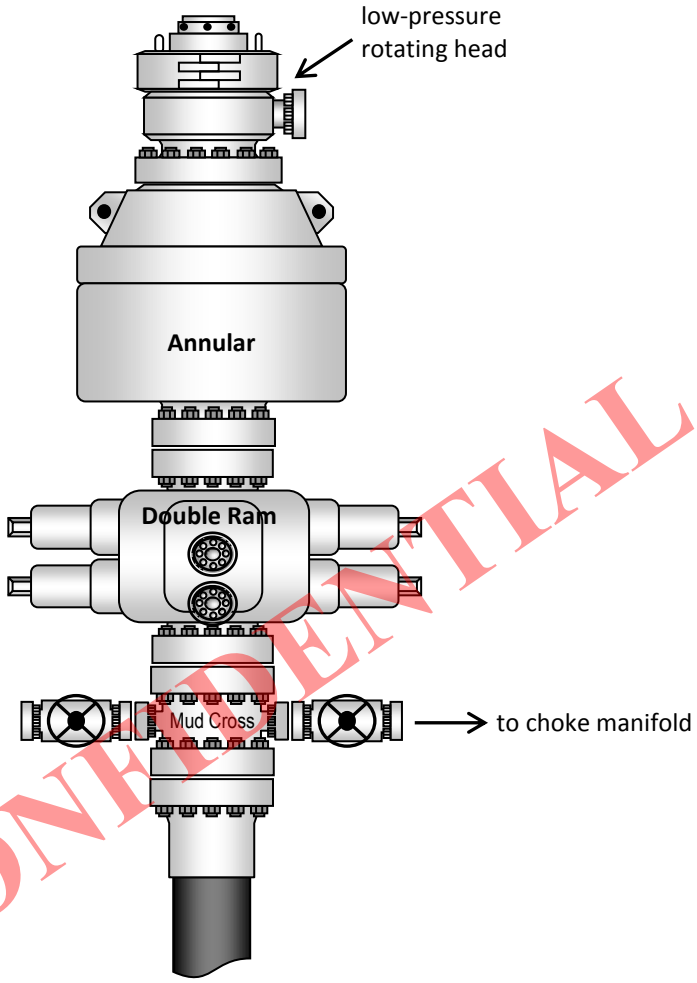
Before me, a Notary Public, in and for the State, on this 31st day of October, 2012, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

Kathryn Portus
NOTARY PUBLIC

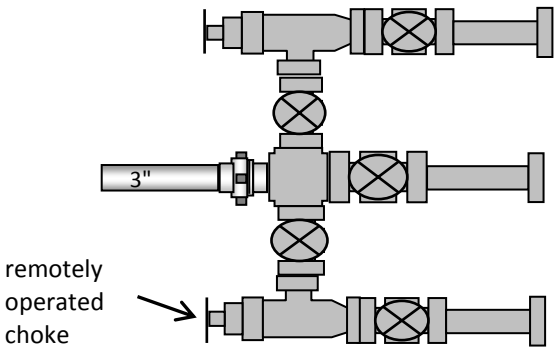
My Commission Expires:

KATHRYN PORTUS
Notary Public
State of Colorado
My Commission Expires February 09, 2013

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



RECEIVED: November 14, 2012

NEWFIELD
ROCKY MOUNTAINS

November 5, 2012

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

RE: **Red Cap 2-8-3-3WH**
Section 8, T3S, R3W
Duchesne County, Utah

Dear Brad,

Newfield Production Company proposes to drill the Red Cap 2-8-3-3WH from a surface location of 251' FNL & 1868' FEL of Section 8, T3S, R3W. Newfield shall case and cement the Red Cap 2-8-3-3WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL of Section 8, T3S, R3W. The cased and cemented portion of the wellbore shall not be perforated nor produced. Newfield and its partner are the owners of a 91.93% working interest in the northern offset drilling and spacing unit (Section 5, T3S-R3W) in which Newfield is the operator of the proposed Ute Tribal 2-5-3-3WH well. In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State.

Due to these circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Red Cap 2-8-3-3WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

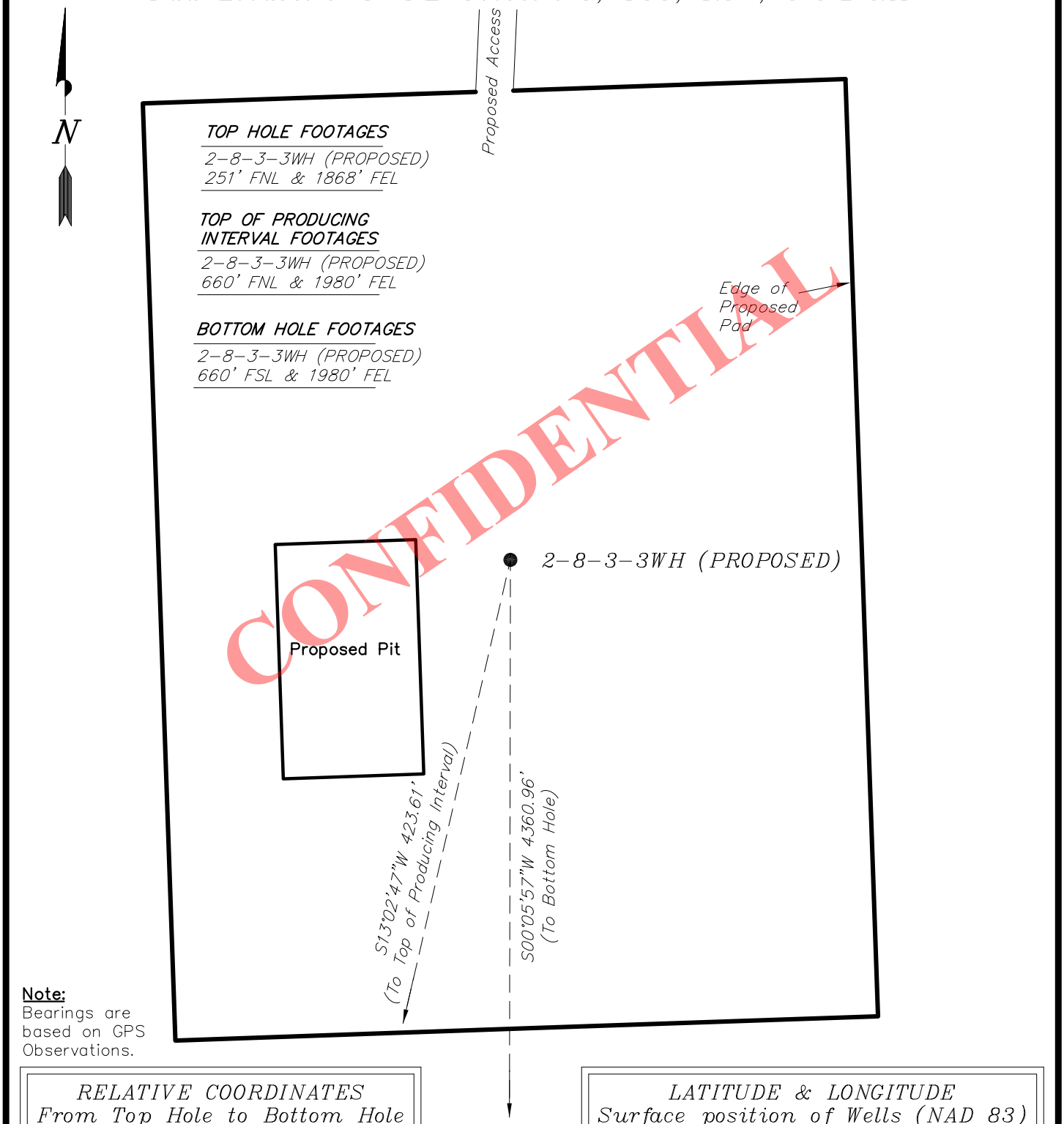
Shane Gillespie
Landman

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

2-8-3-3WH (Proposed Well)

Pad Location: NWNE Section 8, T3S, R3W, U.S.B.&M.



Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
2-8-3-3WH	-4,361'	-8'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
2-8-3-3WH	40° 14' 33.97"	110° 14' 39.10"

SURVEYED BY: K.S.	DATE SURVEYED: 01-25-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 01-30-12	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

RECEIVED: November 14, 2012

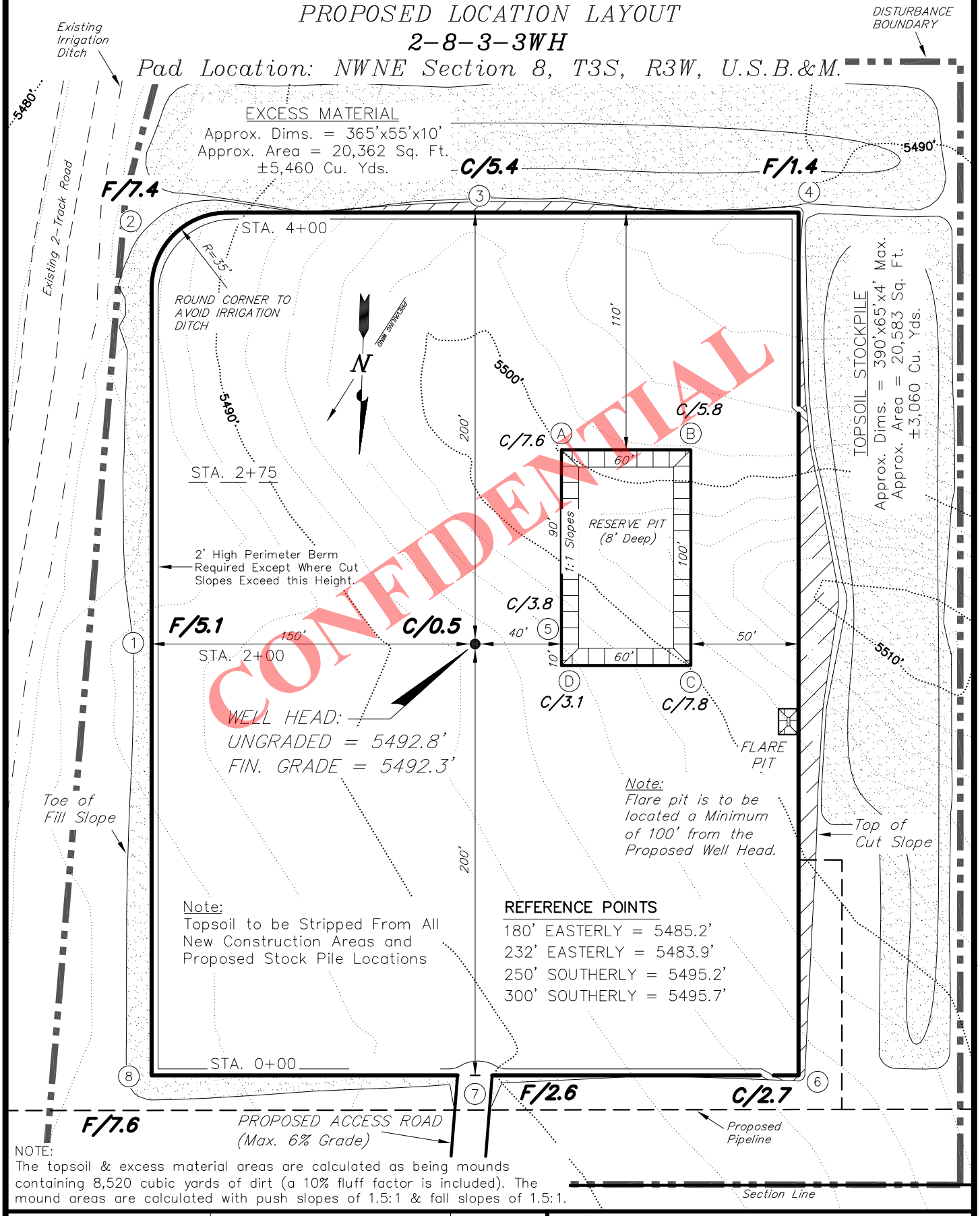
API Well Number: 43013518770000

NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

2-8-3-3WH

Pad Location: NWNE Section 8, T3S, R3W, U.S.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 8,520 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: K.S.	DATE SURVEYED: 01-25-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 01-30-12	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

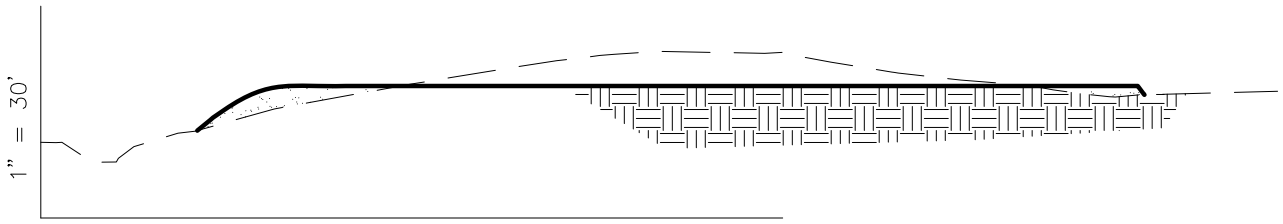
RECEIVED: November 14, 2012

NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

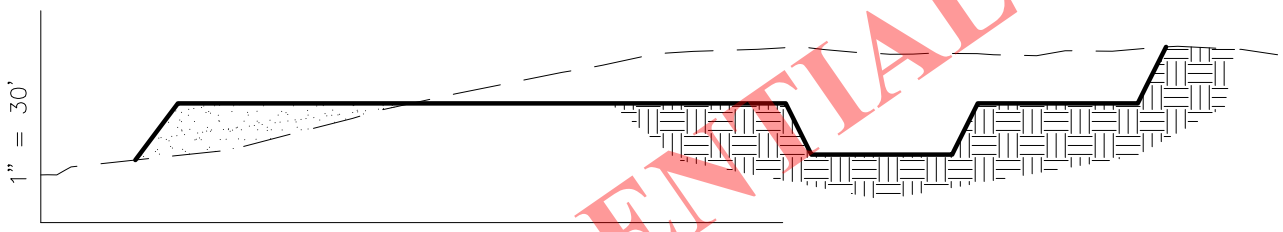
2-8-3-3WH

Pad Location: NWNE Section 8, T3S, R3W, U.S.B.&M.



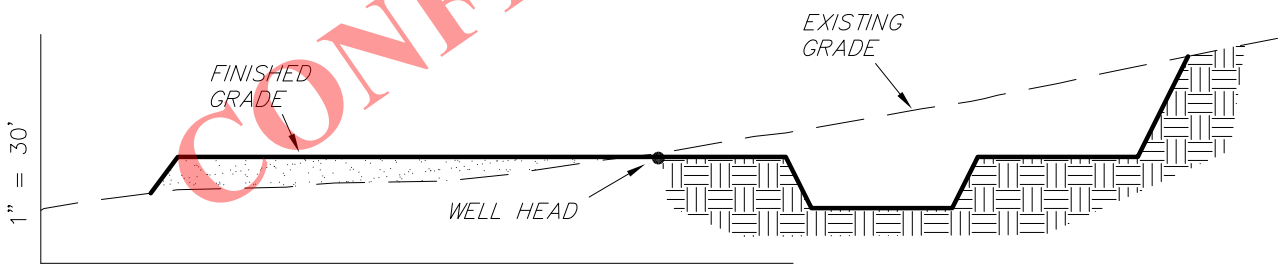
1" = 60'

STA. 4+00



1" = 60'

STA. 2+75



1" = 60'

STA. 2+00

1" = 60'

STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED ALL CUT SLOPES ARE AT 1:1 & FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	11,910	8,370	Topsoil is not included in Pad Cut Volume	3,540
PIT	1,420	0		1,420
TOTALS	13,330	8,370	2,780	4,960

SURVEYED BY: K.S.	DATE SURVEYED: 01-25-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 01-30-12	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

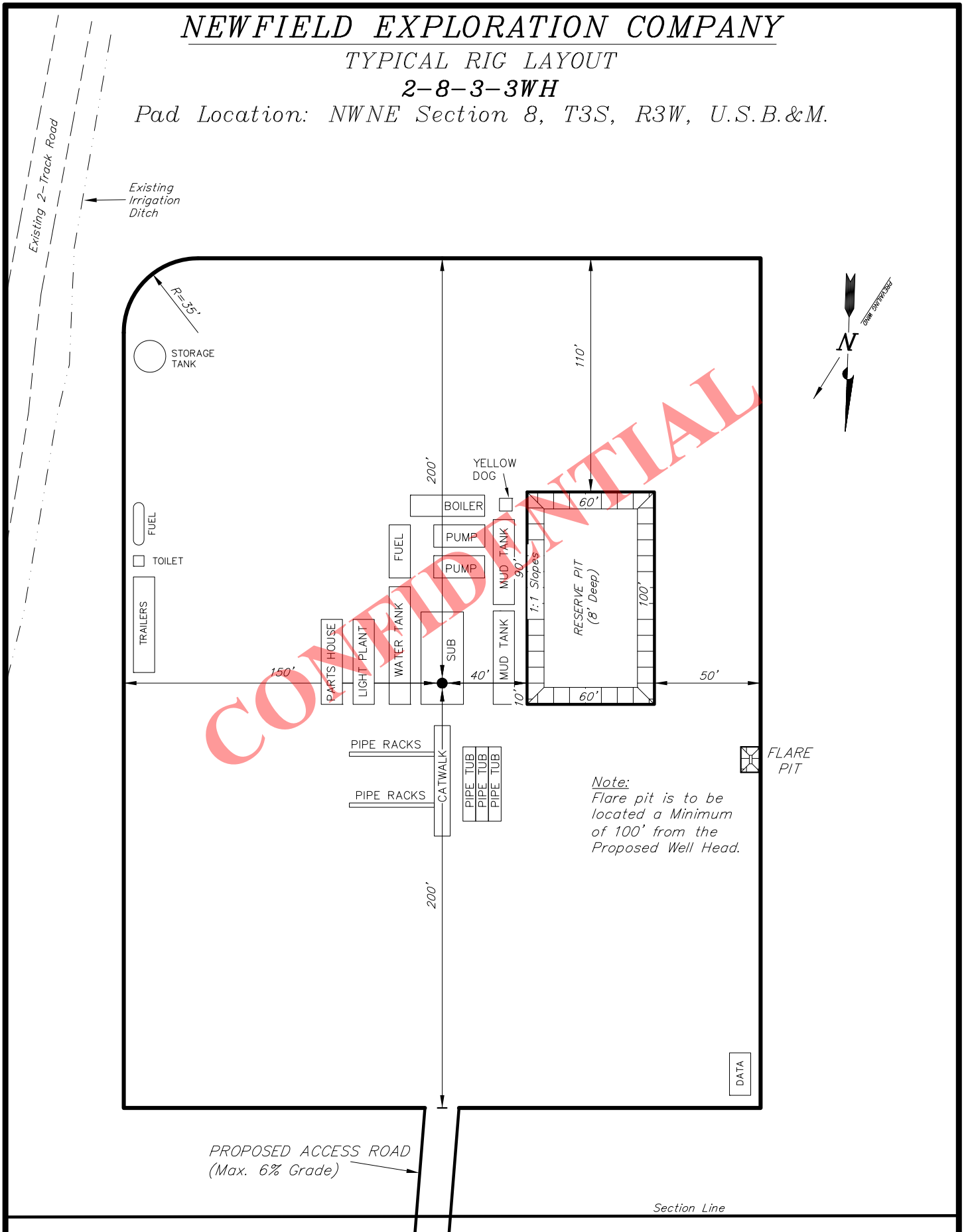
RECEIVED: November 14, 2012

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

2-8-3-3WH

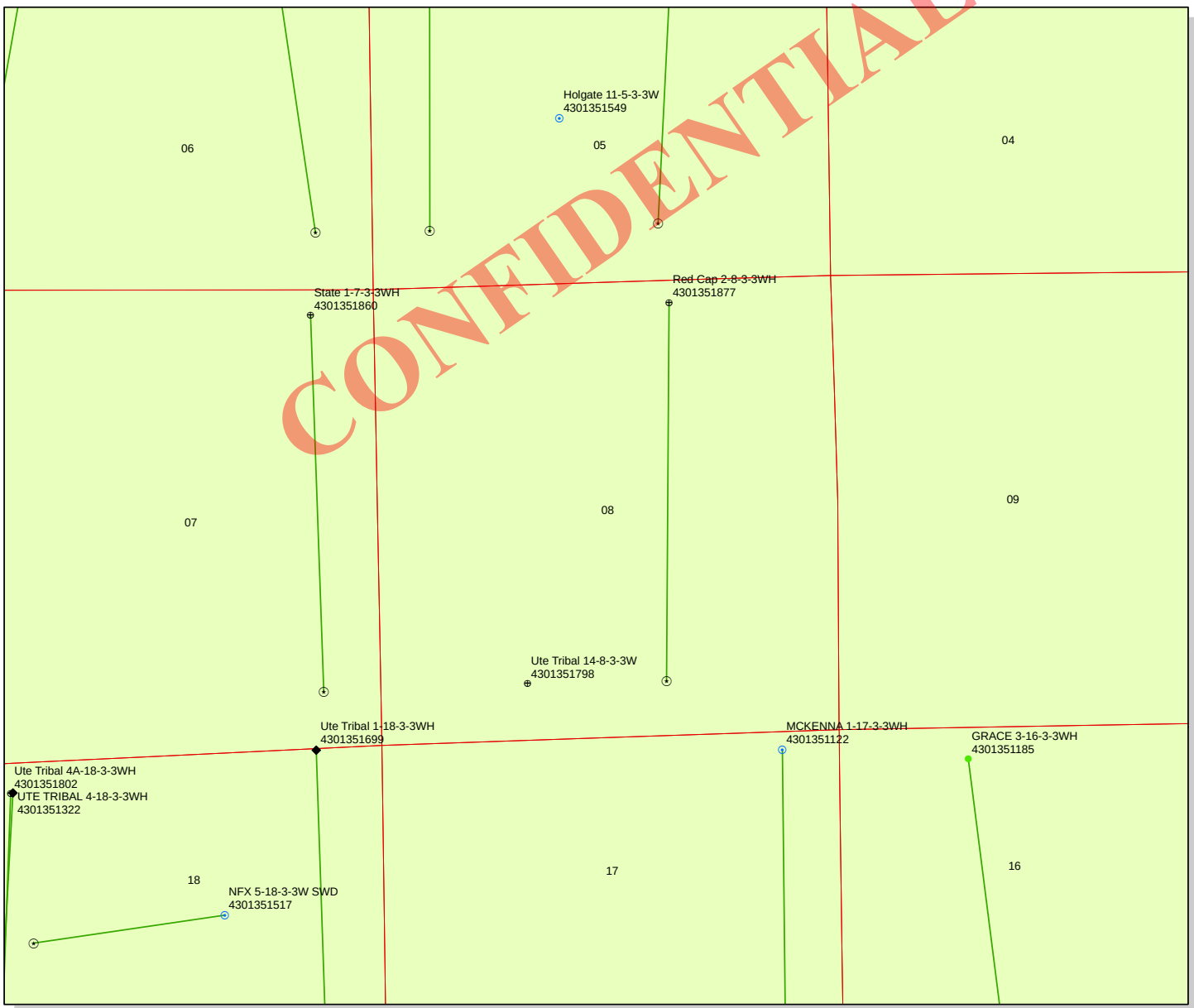
Pad Location: NWNE Section 8, T3S, R3W, U.S.B.&M.



SURVEYED BY: K.S.	DATE SURVEYED: 01-25-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 01-30-12	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

RECEIVED: November 14, 2012

API Well Number: 43013518770000



API Number:

Well Name: Red Cap 2-8-3-3WH

Township T03.0S Range R03.0W Section 08

Meridian: UBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well
Bottom Hole Location - OilGasDb

1,500 750 0 1,500 Feet

1:14,255

RECEIVED: November 21, 2012

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/14/2012 **API NO. ASSIGNED:** 43013518770000

WELL NAME: Red Cap 2-8-3-3WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NWNE 08 030S 030W **Permit Tech Review:** ☑

SURFACE: 0251 FNL 1868 FEL **Engineering Review:** ☐

BOTTOM: 0660 FSL 1980 FEL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.24276 **LONGITUDE:** -110.24422

UTM SURF EASTINGS: 564285.00 **NORTHINGS:** 4454975.00

FIELD NAME: WILDCAT

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-6035 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 2 - Indian **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** INDIAN - RLB00100473
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☑ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-90

Effective Date: 5/9/2012

Siting: 4 Prod LGRRV-WSTC Wells

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
1 - Exception Location - bhill
4 - Federal Approval - dmason
27 - Other - bhill

RECEIVED: November 26, 2012

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill
****

Well Name: Red Cap 2-8-3-3WH
API Well Number: 43013518770000
Lease Number: 14-20-H62-6035
Surface Owner: INDIAN
Approval Date: 11/26/2012

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:
Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284
(please leave a voicemail message if not available)
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

• Entity Action Form (Form 6) - due within 5 days of spudding the well
• Monthly Status Report (Form 9) - due by 5th day of the following calendar month
• Requests to Change Plans (Form 9) - due prior to implementation
• Written Notice of Emergency Changes (Form 9) - due within 5 days
• Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
• Report of Water Encountered (Form 7) - due within 30 days after completion
• Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6035

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Heirs

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: Oil Well

8. WELL NAME and NUMBER: Red Cap 2-8-3-3WH

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013518770000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0251 FNL 1868 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 08 Township: 03.0S Range: 03.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/15/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield respectfully requests approval to utilize oil-based mud for the drilling of this well. Attached please find an updated drilling plan for the option of oil-based mud. ----------BMSGW @ ~ 1700' MD ----------DKD.

Accepted by the Utah Division of Oil, Gas and Mining

Date: March 05, 2013

By: Dark K Dunt

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE		**DATE**
N/A		2/28/2013

RECEIVED: Feb. 28, 2013

Newfield Production Company
2-8-3-3WH
Surface Hole Location: 251' FNL, 1868' FEL, Section 8, T3S, R3W
Bottom Hole Location: 660' FSL, 1980' FEL, Section 8, T3S, R3W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface		
Green River	4,081'		
Garden Gulch member	7,010'		
Uteland Butte	9,378'		
Lateral TD	9,264'	TVD /	13,737' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	4,241'		(water)
Green River	7,010'	- 9,264'	(oil)

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor	0'	60'	37	H-40	Weld	--	--	--	--	--	--
14									--	--	--
Surface	0'	2,500'	36	J-55	LTC	8.33	8.33	12	3,520	2,020	453,000
9 5/8									2.51	2.54	5.03
Intermediate	0'	9,426'	26	P-110	BTC	11	11.5	15	9,960	6,210	830,000
7		9,791'							2.24	1.32	3.26
Production	8,864'	9,264'	13.5	P-110	BTC	11	11.5	--	12,410	10,670	422,000
4 1/2		13,737'							2.84	2.31	6.41

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)

RECEIVED: Feb. 28, 2013

Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Type III + .125 lbs/sk Cello Flakes	720 / 216	15%	11.0	3.33
Surface Tail	12 1/4	500'	Type III + .125 lbs/sk Cello Flakes	180 / 95	15%	13.0	1.9
Intermediate Lead	8 3/4	4,510'	Premium - 65% Class G / 35% Poz + 10% Bentonite	780 / 301	15%	11.5	2.59
Intermediate Tail	8 3/4	2,781'	50/50 Poz/Class G + 1% bentonite	481 / 297	15%	13.0	1.62
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The cement slurries will be adjusted for hole conditions and blend test results.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

Interval	Description
Surface - 2,500'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.
2,500' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and

if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride).

Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run in the intermediate section from the top of the curve to the base of the surface casing. A compensated neutron/formation density log will be run in the intermediate section from the top of the curve to the top of the Garden Gulch formation. A cement bond log will be run from the top of the curve to the cement top behind the intermediate casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.57 psi/ft gradient.

9,264' x 0.57 psi/ft = 5299 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" vertical hole will be drilled to a kick off point of 8,914' .
Directional tools will then be used to build to 92.50 degrees inclination.
The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat.
A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:

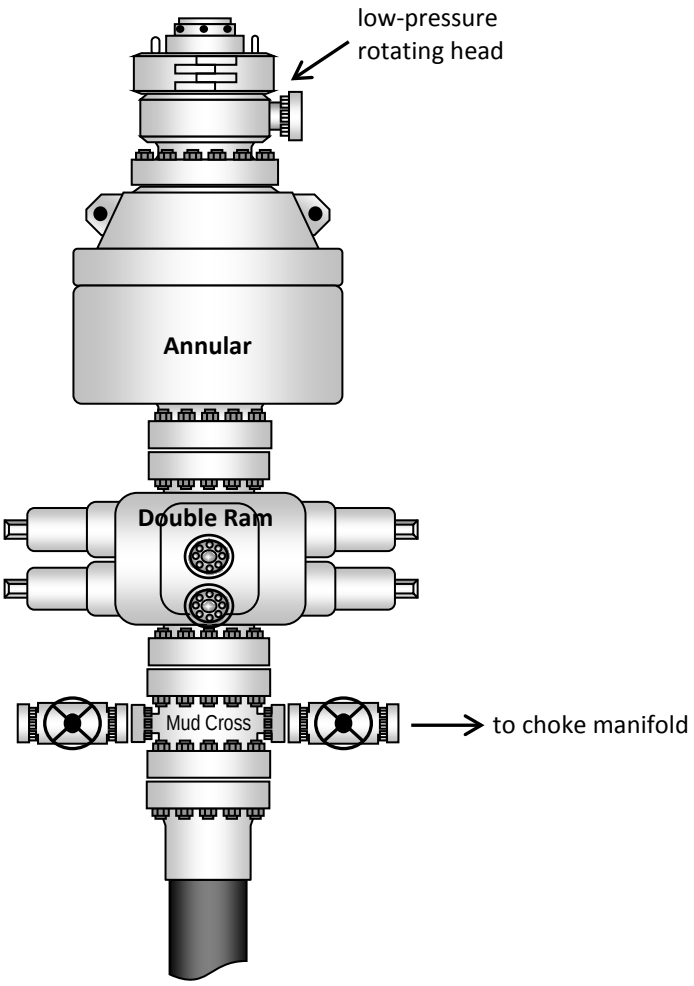
- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

  If oil based mud (OBM) is used, all processed OBM drill cuttings would be removed from the well bore using a closed loop system. OBM cuttings would be dried and centrifuged and then temporarily stored within a lined pit that would be constructed inboard of the pad area. The pit

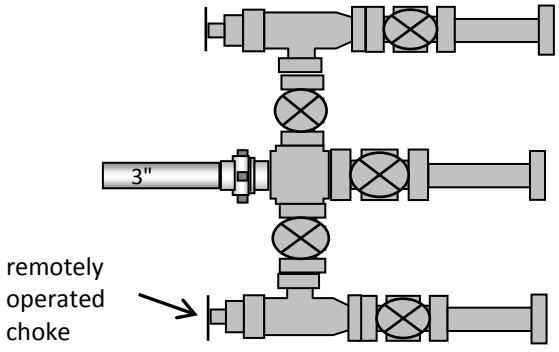
would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit, and a minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times. All OBM cuttings will be mechanically dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. Samples of the mechanically dried OBM cuttings will be taken for chemical analysis. The OBM cuttings will then be mixed with a chemical drying agent and the chemically dried OBM cuttings will be placed in a lined cuttings pit on the generating location that is separated from the water based cuttings. The pit will be of sufficient size to contain all cuttings generated in the drilling process. At this point, the chemically dried OBM cuttings are ready for the Firmus® construction process or the OBM cuttings may also be transported to a state approved disposal facility. If an oil based mud is not used, a conventional reserve pit will be utilized. The pit will be reclaimed using UDOGM and BLM approved procedures.

RECEIVED: Feb. 28, 2013

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



RECEIVED: Feb. 28, 2013

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
NOV 14 2012

APPLICATION FOR PERMIT TO DRILL OR REENTER

CONFIDENTIAL

1a. Type of Work: ☒ DRILL ☐ REENTER	5. Lease Serial No. 1420H626035
	6. If Indian, Allottee or Tribe Name UINTAH AND OURAY
	7. If Unit or CA Agreement, Name and No.
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone	8. Lease Name and Well No. RED CAP 2-8-3-3WH
2. Name of Operator NEWFIELD EXPLORATION COMPANY Contact: DON S HAMILTON Email: starpoint@etv.net	9. API Well No. 43013518 77
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052 / 3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019	10. Field and Pool, or Exploratory UNDESIGNATED
4. Location of Well *(Report location clearly and in accordance with any State requirements.*)* At surface NWNE 251FNL 1868FEL 40.242769 N Lat, 110.244194 W Lon At proposed prod. zone SWSE 660FSL 1980FEL	11. Sec., T., R., M., or Blk. and Survey or Area Sec 8 T3S R3W Mer UBM
14. Distance in miles and direction from nearest town or post office* 13.3 MILES NW OF MYTON, UTAH	12. County or Parish DUCHESNE / 13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 251 / 16. No. of Acres in Lease 80.00	17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 0 / 19. Proposed Depth 13737 MD 9264 TVD	20. BLM/BIA Bond No. on file RLB0010462
21. Elevations (Show whether DF, KB, RT, GL, etc. 5493 GL / 22. Approximate date work will start 11/30/2012	23. Estimated duration 60 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435-719-2018	Date 11/14/2012
Title PERMITTING AGENT		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date FEB 11 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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FEB 22 2013
DIV. OF OIL, GAS & MINING

Additional Operator Remarks (see next page)

Electronic Submission #160373 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by JOHNETTA MAGEE on 11/30/2012 (13JM0816AE)

NOTICE OF APPROVAL

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**NWNE, Sec. 8, T3S, R3W**
Well No:	**Red Cap 2-8-3-3WH**	**Lease No:**	**14-20-H62-6035**
API No:	**43-013-51877**	**Agreement:**	

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

Newfield will comply with:

- All Applicant-Committed Environmental Protection Measures (ACEPMs) listed in Section 2.1.8 of Environmental Assessment No. U&O-FY13-Q1-021,
- All ACEPMs on page 5 of the *Final Biological Opinion for Newfield Exploration Company and Ute Energy, LLC's proposed Rocky Point Exploration and Development* (Rocky Point BO) dated March 20, 2012,
- All terms and conditions of the Rocky Point BO and
- Any and all additional terms or stipulations attached to BIA ROW Serial No. H62-2013-127 and BIA ROW Serial No. H62-2013-128.

Tribal Surface COA for Powvitch 2-24-3-2WH
Newfield will comply with:

- All Applicant-Committed Environmental Protection Measures (ACEPMs) listed in Section 2.1.8 of Environmental Assessment No. U&O-FY13-Q1-021,
- All on ACEPMs page 5 of the *Final Biological Opinion for Newfield Exploration Company and Ute Energy, LLC's proposed Rocky Point Exploration and Development* (Rocky Point BO) dated March 20, 2012,
- All terms and conditions of the Rocky Point BO and
- Any and all additional terms or stipulations attached to BIA ROW Serial No. H62-2013-119 and BIA ROW Serial No. H62-2013-120.

Tribal Surface COA for Alfred 11-22-3-3W
Newfield will comply with:

- All Applicant-Committed Environmental Protection Measures (ACEPMs) listed in Section 2.1.8 of Environmental Assessment No. U&O-FY13-Q1-021,
- All ACEPMs on page 5 of the *Final Biological Opinion for Newfield Exploration Company and Ute Energy, LLC's proposed Rocky Point Exploration and Development* (Rocky Point BO) dated March 20, 2012,
- All terms and conditions of the Rocky Point BO and
- Any and all additional terms or stipulations attached to BIA ROW Serial No. H62-2013-131 and BIA ROW Serial No. H62-2013-132.

Tribal Surface COA for Tabbychook 4-10-3-1WH
Newfield will comply with:

- All Applicant-Committed Environmental Protection Measures (ACEPMs) listed in Section 2.1.8 of Environmental Assessment No. U&O-FY13-Q1-021,
- All ACEPMs on page 5 of the *Final Biological Opinion for Newfield Exploration Company and Ute Energy, LLC's proposed Rocky Point Exploration and Development* (Rocky Point BO) dated March 20, 2012,
- The terms and conditions of the Rocky Point BO and
- Any and all additional terms or stipulations attached to BIA ROW Serial No. H62-2013-125 and BIA ROW Serial No. H62-2013-126.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Intermediate casing (size casing 7 inch) cement shall be brought up and into the surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in CD (compact disc) format to the Vernal BLM Field Office. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.
    - Well name and number.
    - Well location (¼¼, Sec., Twn, Rng, and P.M.).
    - Date well was placed in a producing status (date of first production for which royalty will be paid).
    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
    - Unit agreement and/or participating area name and number, if applicable.
    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pete Martin Rig #16
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number RED CAP 2-8-3-3WH
Qtr/Qtr NW/NE Section 8 Township 3S Range 3W
Lease Serial Number 1420H626035
API Number 43013518770000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 03/28/2013 10:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

RECEIVED
MAR 27 2013
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6035

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Heirs

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Red Cap 2-8-3-3WH

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013518770000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0251 FNL 1868 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 08 Township: 03.0S Range: 03.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SPUD REPORT Date of Spud: 3/28/2013	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Pete Martin Rig #16 spudded 20" hole on 3/28/2013 and drilled to 60' GL. Set 14", 36.75# (0.250" wall), A52A conductor pipe at 60' GL and cemented to surface with Pro Petro Cementers on 03/28/2013. Cement Job: Pumped 15 bbls fresh water flush ahead of cement. Mixed and pumped 160 sacks (33 bbls) of Premium Class G Cement with 2% CaCl2, and 1/4 lb/sk flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
April 18, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Cherei Neilson	435 646-4883	Drilling Techinacian
SIGNATURE N/A		**DATE** 4/18/2013

Casing / Liner Detail

Well	Red Cap 2-8-3-3WH
Prospect	Central Basin
Foreman	
Run Date:	3/28/2013
String Type	Conductor, 14'', 36.75#, A52A, W (Welded)

- Detail From Top To Bottom -

Depth	*Length*	*JTS*	*Description*	*OD*	*ID*
0.00	60.00	2	14" Conductor Pipe	14.000	13.500

Cement Detail

Cement Company: Other

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft^3)	Description - Slurry Class and Additives
Slurry 1					Redi Mix to Surface

Stab-In-Job?	No	Cement To Surface?	Yes
BHT:	0	Est. Top of Cement:	0
Initial Circulation Pressure:		Plugs Bumped?	No
Initial Circulation Rate:		Pressure Plugs Bumped:	
Final Circulation Pressure:		Floats Holding?	No
Final Circulation Rate:		Casing Stuck On / Off Bottom?	No
Displacement Fluid:		Casing Reciprocated?	No
Displacement Rate:		Casing Rotated?	No
Displacement Volume:		CIP:	13:00
Mud Returns:		Casing Wt Prior To Cement:	
Centralizer Type And Placement:		Casing Weight Set On Slips:	

RECEIVED: Apr. 18, 2013

Casing / Liner Detail

Well	Red Cap 2-8-3-3WH
Prospect	Central Basin
Foreman	
Run Date:	3/31/2013
String Type	Surface, 9.625", 36#, J-55, LTC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
0.00	2527.34	60	9 5/8" Casing	9.625	8.921
2,527.34	1.20		Float Collar	9.625	
2,528.54	42.63	1	Shoe Joint	9.625	8.921
2,571.17	0.90		Guide Shoe		
2,572.07			-		

Cement Detail

Cement Company: Other

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft^3)	Description - Slurry Class and Additives
Slurry 2	250	15.8	1.15	287.5	Premium Class G Cement with 2% CaCl2, and 1/4 #/sk Flocele.
Slurry 1	480	12.1	2.86	1372.8	Type V Cement with 16% Gel, 10 #/sk Gilsonite, 2#/sk Gr3, 3% Salt, and 1/4 #/sk Flocele.

Stab-In-Job?	No	Cement To Surface?	Yes
BHT:	0	Est. Top of Cement:	0
Initial Circulation Pressure:	130	Plugs Bumped?	Yes
Initial Circulation Rate:	5	Pressure Plugs Bumped:	1100
Final Circulation Pressure:	695	Floats Holding?	Yes
Final Circulation Rate:	3	Casing Stuck On / Off Bottom?	No
Displacement Fluid:	Water	Casing Reciprocated?	No
Displacement Rate:	6	Casing Rotated?	No
Displacement Volume:	195	CIP:	1:55
Mud Returns:	Full	Casing Wt Prior To Cement:	
Centralizer Type And Placement:		Casing Weight Set On Slips:	

21 centralizers spaced 10' from the shoe, on top of joints #2 and #3 then every 3rd collar to surface.

RECEIVED: Apr. 18, 2013

RECEIVED: Apr. 18, 2013

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 68 Submitted By Jim Loudermilk Phone Number 970-361-3263
Well Name/Number Red Cap 2-8-3-3WH
Qtr/Qtr NW/NE Section 8 Township 3S Range 3W
Lease Serial Number Indian
API Number 43013518770000

TD Notice – TD is the final drilling depth of hole.

Date/Time _____ _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☒ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 4-28-2013 0600 AM ☒ PM ☐

RECEIVED
APR 29 2013
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer rig 68
Submitted By RL Tatman Phone Number 970-361-3263
Well Name/Number Red Cap 2-8-3-3WH
Qtr/Qtr NW/NE Section 8 Township 3S Range 3W
Lease Serial Number FEE
API Number 43013518770000

TD Notice – TD is the final drilling depth of hole.

Date/Time May 12 2013 1630 AM ☐ PM ☒

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☒ Liner
- ☐ Other

Date/Time 5/14/2013 00:00 AM ☒ PM ☐

RECEIVED
MAY 16 2013
DIV. OF OIL, GAS & MINING

EAGER BEAVER TESTERS INC.

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

BOP TEST REPORT

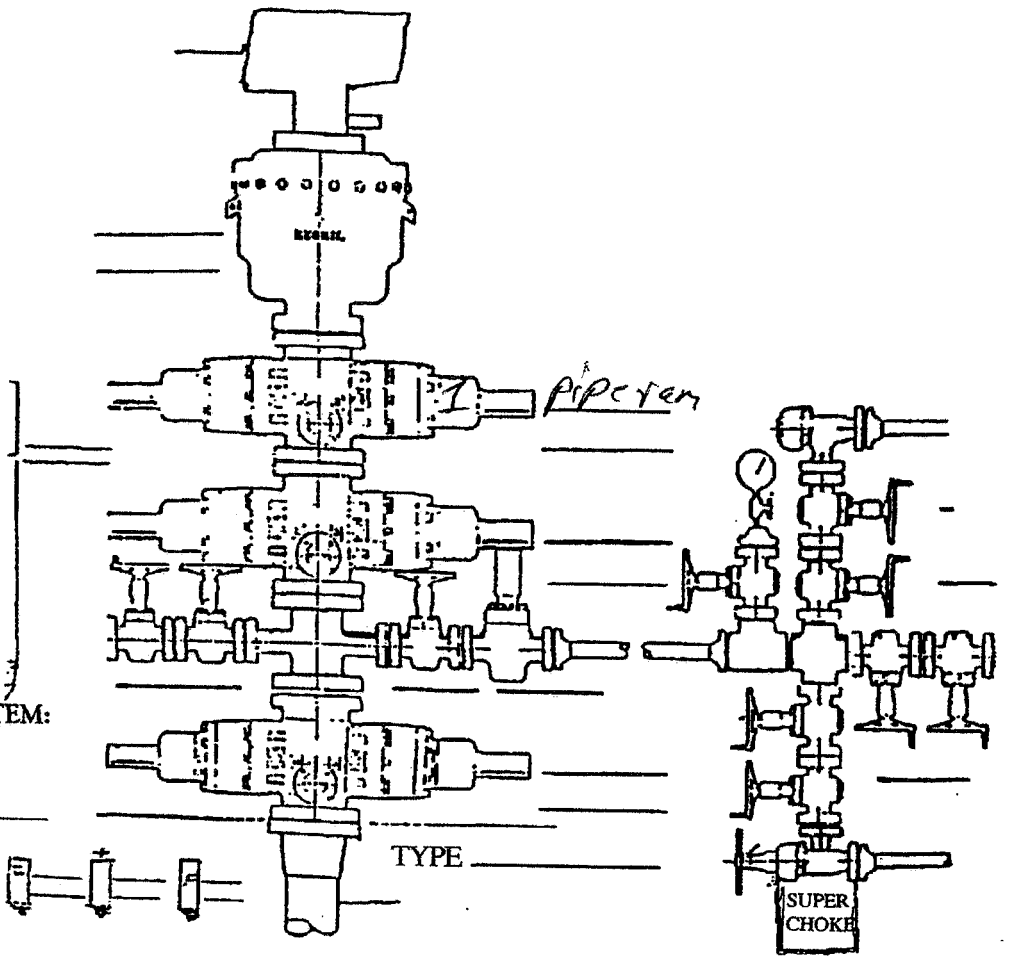
DATE: 4/29/13 OPERATOR: Newfield RIG OR SITE#: Pioneer 68 SEC: 6 TNSHIP: 3S RANGE: 3W

FIELD: wild cat WELL#: Red Cap 2-6-3-3WH TEST PRESSURE: 250/5 mins & 5000/10 mins

API# 43013518770000

EQUIPMENT PRESSURE TESTED:

ANNULAR 50%	N/A
UPPER PIPE RAMS	1
LOWER PIPE RAMS	N/A
BLIND RAMS	
KILL LINE VALVES	
HCR VALVE	
CHOKE VALVES	
MANIFOLD VALVES	1
SUPER CHOKE	N/A
MANUAL CHOKE	
UPPER KELLY VALVE	
LOWER KELLY VALVE	
INSIDE BOP	
FLOOR VALVE	
CASING PRE.____	



ACCUMULATOR AND CLOSING SYSTEM:

NITROGEN PRECHARGE PSI N/A
FIELD CHECK N/A GUAGE CHECK ____
BOTTLES N/A SPHERES N/A

FUNCTION CHECK N/A
PUMP CHECK N/A
REMOTE OPERATION CHECK N/A
HYDRAULIC FLUID LEVEL N/A

TYPE ____

OTHER TESTS:

EQUIPMENT TYPE____ PRESSURE____

REPAIRS OR POTENTIAL PROBLEMS:

Had to change out orings on plug, tested the only break we broke well head

EAGLE BEAVER TESTERS

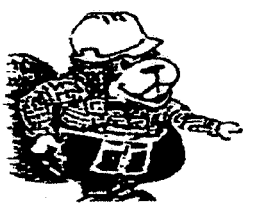
DATE: 4-29-13 COMPANY: Newfield RIG: Pioneer 68 WELL NAME & #: Redcap 2-8-3-WH

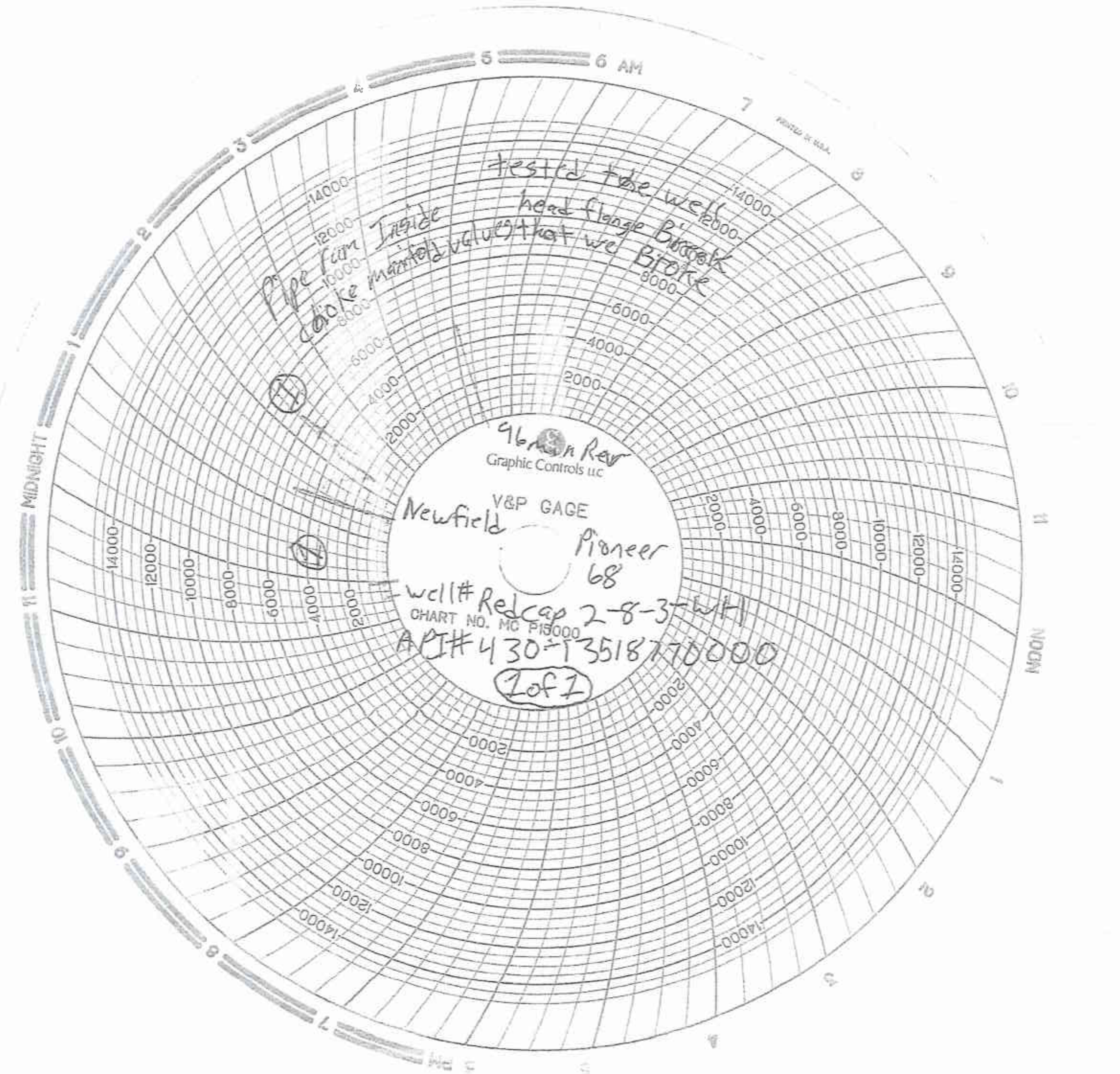
Time	Test No.	Results
3:30 AM ☐PM☒	1	Pipe rams, to test the Break we Broke — Pass ☒Fail ☐
AM ☐PM☐	2	Had a prombem with orings on plug — Pass ☐Fail ☐
AM ☐PM☐	3	Seal in — Pass ☐Fail ☐
AM ☐PM☐	4	Pass ☐Fail ☐
AM ☐PM☐	5	Pass ☐Fail ☐
AM ☐PM☐	6	Pass ☐Fail ☐
AM ☐PM☐	7	Pass ☐Fail ☐
AM ☐PM☐	8	Pass ☐Fail ☐
AM ☐PM☐	9	Pass ☐Fail ☐
AM ☐PM☐	10	Pass ☐Fail ☐
AM ☐PM☐	11	Pass ☐Fail ☐
AM ☐PM☐	12	Pass ☐Fail ☐
AM ☐PM☐	13	Pass ☐Fail ☐
AM ☐PM☐	14	Pass ☐Fail ☐
AM ☐PM☐	Retest	Pass ☐Fail ☐
AM ☐PM☐	Retest	Pass ☐Fail ☐
AM ☐PM☐	Retest	Pass ☐Fail ☐
AM ☐PM☐	Retest	Pass ☐Fail ☐
AM ☐PM☐	Retest	Pass ☐Fail ☐
AM ☐PM☐	Retest	Pass ☐Fail ☐
AM ☐PM☐	Retest	Pass ☐Fail ☐

Acc. Tank Size (inches) (_____W_____D_____L) ÷ 231=_____gal.

Rock Springs, WY (307) 382-3350

BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
INTEGRITY TESTING
NIPPLE UP CREWS, NITROGEN CHARGING SERVICE




tested the well head flange Broke
Pipe from Inside choke manifold valves that we Broke
Graphic Controls LLC
V&P GAGE
Newfield
Pioneer 68
well# Redcap 2-8-3-WH
CHART NO. MC P15000
API# 430-1351877 0000
1 of 1
MIDNIGHT
6 AM
NOON
6 PM

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 68 Submitted By Jim Loudermilk Phone Number 970-361-3263
Well Name/Number Red Cap 2-8-3-3WH
Qtr/Qtr NW/NE Section 8 Township T3S Range R3W
Lease Serial Number Indian
API Number 43013518770000

TD Notice – TD is the final drilling depth of hole.

Date/Time _____ _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

☐ Surface Casing
☒ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 4-28-2013 0600 AM ☒ PM ☐

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MAY 2 8 2013
DIV. OF OIL, GAS & MINING

API Well Number: 43013518770000

PBTVD 9255'

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: 1420H626035

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other:

6. If Indian, Allottee or Tribe Name: UINTAH AND OURAY

7. Unit or CA Agreement Name and No.:

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: RED CAP 2-8-3-3WH

3. Address: ROUTE #3 BOX 3630, MYTON, UT 84052

3a. Phone No. (include area code): Ph:435-646-3721

9. API Well No.: 43-013-51877

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: 251' FNL 1868' FEL (NW/NE) SEC 8 T3S R3W

At top prod. interval reported below: 766' FNL 1920 FEL (NW/NE) SEC 8 T3S R3W

At total depth: 678' FSL 1941' FEL (SW/SE) SEC 8 T3S R3W

10. Field and Pool or Exploratory: UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area: SEC 8 T3S R3W MeR UBM

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded: 03/28/2013

15. Date T.D. Reached: 05/16/2013

16. Date Completed: ☐ D & A ☑ Ready to Prod. 07/25/2013

17. Elevations (DF, RKB, RT, GL)*: 5493' GL 5513' KB

18. Total Depth: MD 13716' TVD 9253'

19. Plug Back T.D.: MD 13665' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13-1/2"	9-5/8" J-55	36	0'	2572'		250 CLASS G			
						480 V Cement			
8-7/8"	7" P-110	29	0 '	9037'		328 Bondcem		3950'	
						646 Versacem			
6-1/8"	4-1/2" P-110	13.5	8734'	13710'					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@9267'	XN@9225'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	9869'	13609'	9869' - 13609' MD		20	Sliding Sleeves
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
9869' - 13609' MD	Frac w/ 2134040#s of 30/50 white sand and 10500#s of 100 mesh in 29297 bbls of Lightning 17 fluid, in 20 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/3/2013	6/13/201	24	→	674	260	182			GAS LIFT

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MARK	6989'
				GARDEN GULCH 1	7281'
				DOUGLAS CREEK MRK	8123'
				BI CARBONATE MRK	8559'
				CASTLE PEAK	9097'
				BASAL CARBONATE	9581'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Heather Calder Title Regulatory Technician

Signature Heather Calder Date 01/24/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

RECEIVED: Jan. 28, 2014

LEAM Drilling Systems LLC

Survey Report

LEAM Drilling Systems LLC

Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	**Local Co-ordinate Reference:**	Well 2-8-3-3WH
Project:	DUCHESNE COUNTY, UT (NAD 83)	**TVD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Site:	CENTRAL BASIN (NAD 83)	**MD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Well:	2-8-3-3WH	**North Reference:**	True
Wellbore:	2-8-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Design:	2-8-3-3WH (Actual)	**Database:**	EDM 5000.1 Lynn Db

Project DUCHESNE COUNTY, UT (NAD 83),

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site CENTRAL BASIN (NAD 83)

Site Position:		**Northing:**	7,254,409.48 usft	**Latitude:**	40° 13' 43.080 N
From:	Lat/Long	**Easting:**	1,986,891.62 usft	**Longitude:**	110° 15' 32.490 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.79 °

Well 2-8-3-3WH, "Redcap"

Well Position	**+N/-S**	0.00 usft	**Northing:**	7,259,616.15 usft	**Latitude:**	40° 14' 33.970 N
	+E/-W	0.00 usft	**Easting:**	1,990,959.68 usft	**Longitude:**	110° 14' 39.100 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	5,511.00 usft	**Ground Level:**	5,493.00 usft

Wellbore 2-8-3-3WH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/31/2013	11.19	65.88	52,175

Design 2-8-3-3WH (Actual)

Audit Notes:

Version:	Actual	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	180.00

Survey Program **Date** 5/13/2013

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
151.00	2,597.00	Payzone MWD 151' MD- 2597' MD (2-8-3-	MWD	MWD - Standard
2,696.00	13,716.00	Weatherford MWD 2,696'-13,659'MD(TD=	MWD	MWD - Standard

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.00	0.22	73.56	151.00	0.08	0.28	-0.08	0.15	0.15	0.00
180.00	0.13	116.98	180.00	0.08	0.36	-0.08	0.53	-0.31	149.72
209.00	0.31	313.02	209.00	0.12	0.33	-0.12	1.50	0.62	-565.38
236.00	0.27	328.41	236.00	0.23	0.25	-0.23	0.32	-0.15	57.00
265.00	0.26	323.09	265.00	0.34	0.17	-0.34	0.09	-0.03	-18.34
293.00	0.25	167.37	293.00	0.33	0.15	-0.33	1.78	-0.04	-556.14

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Wellbore:	2-8-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Design:	2-8-3-3WH (Actual)	**Database:**	EDM 5000.1 Lynn Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
321.00	0.18	90.04	321.00	0.27	0.20	-0.27	0.98	-0.25	-276.18
348.00	0.17	97.10	348.00	0.26	0.29	-0.26	0.09	-0.04	26.15
380.00	0.31	267.58	380.00	0.25	0.25	-0.25	1.50	0.44	532.75
410.00	0.35	167.48	410.00	0.16	0.18	-0.16	1.69	0.13	-333.67
440.00	0.26	264.02	440.00	0.06	0.14	-0.06	1.53	-0.30	321.80
500.00	0.40	176.66	500.00	-0.16	0.01	0.16	0.78	0.23	-145.60
530.00	0.48	186.06	530.00	-0.39	0.01	0.39	0.36	0.27	31.33
560.00	0.13	275.93	560.00	-0.51	-0.04	0.51	1.66	-1.17	299.57
590.00	0.53	184.13	590.00	-0.65	-0.08	0.65	1.83	1.33	-306.00
620.00	0.52	185.88	619.99	-0.92	-0.11	0.92	0.06	-0.03	5.83
650.00	0.53	218.23	649.99	-1.16	-0.21	1.16	0.98	0.03	107.83
680.00	0.40	229.66	679.99	-1.34	-0.37	1.34	0.53	-0.43	38.10
710.00	0.35	228.87	709.99	-1.47	-0.52	1.47	0.17	-0.17	-2.63
740.00	0.26	28.81	739.99	-1.47	-0.56	1.47	2.00	-0.30	533.13
770.00	0.48	163.83	769.99	-1.53	-0.49	1.53	2.30	0.73	450.07
800.00	0.31	194.20	799.99	-1.73	-0.48	1.73	0.88	-0.57	101.23
860.00	0.75	29.80	859.99	-1.55	-0.32	1.55	1.75	0.73	-274.00
890.00	0.79	180.00	889.99	-1.58	-0.22	1.58	4.96	0.13	500.67
920.00	0.53	211.00	919.99	-1.91	-0.29	1.91	1.44	-0.87	103.33
950.00	0.44	208.00	949.98	-2.13	-0.42	2.13	0.31	-0.30	-10.00
980.00	0.47	158.00	979.98	-2.34	-0.43	2.34	1.29	0.10	-166.67
1,010.00	0.53	202.00	1,009.98	-2.59	-0.43	2.59	1.26	0.20	146.67
1,040.00	0.44	186.00	1,039.98	-2.83	-0.50	2.83	0.54	-0.30	-53.33
1,070.00	0.62	161.00	1,069.98	-3.10	-0.46	3.10	0.96	0.60	-83.33
1,100.00	1.05	182.00	1,099.98	-3.53	-0.41	3.53	1.74	1.43	70.00
1,130.00	1.01	164.00	1,129.97	-4.06	-0.35	4.06	1.08	-0.13	-60.00
1,160.00	0.79	198.00	1,159.97	-4.51	-0.34	4.51	1.89	-0.73	113.33
1,190.00	1.10	197.00	1,189.96	-4.98	-0.49	4.98	1.03	1.03	-3.33
1,220.00	1.00	169.00	1,219.96	-5.51	-0.52	5.51	1.72	-0.33	-93.33
1,250.00	1.19	171.00	1,249.95	-6.08	-0.43	6.08	0.65	0.63	6.67
1,280.00	1.36	176.00	1,279.95	-6.74	-0.35	6.74	0.68	0.57	16.67
1,310.00	1.10	194.00	1,309.94	-7.37	-0.40	7.37	1.54	-0.87	60.00
1,340.00	1.67	189.00	1,339.93	-8.08	-0.53	8.08	1.94	1.90	-16.67
1,370.00	1.67	183.00	1,369.92	-8.95	-0.63	8.95	0.58	0.00	-20.00
1,400.00	1.80	187.00	1,399.90	-9.86	-0.71	9.86	0.59	0.43	13.33
1,430.00	1.76	195.00	1,429.89	-10.77	-0.88	10.77	0.84	-0.13	26.67
1,460.00	1.80	182.00	1,459.88	-11.69	-1.02	11.69	1.35	0.13	-43.33
1,490.00	1.76	191.00	1,489.86	-12.61	-1.12	12.61	0.94	-0.13	30.00
1,520.00	1.89	183.00	1,519.85	-13.55	-1.24	13.55	0.95	0.43	-26.67
1,550.00	1.93	185.60	1,549.83	-14.55	-1.31	14.55	0.32	0.13	8.67
1,580.00	1.66	193.00	1,579.82	-15.48	-1.46	15.48	1.18	-0.90	24.67
1,610.00	1.49	196.70	1,609.80	-16.27	-1.67	16.27	0.66	-0.57	12.33

LEAM Drilling Systems LLC

Survey Report

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Wellbore:	2-8-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Design:	2-8-3-3WH (Actual)	**Database:**	EDM 5000.1 Lynn Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,640.00	1.54	219.00	1,639.79	-16.96	-2.03	16.96	1.96	0.17	74.33
1,670.00	1.63	215.00	1,669.78	-17.62	-2.53	17.62	0.48	0.30	-13.33
1,700.00	1.41	225.00	1,699.77	-18.23	-3.04	18.23	1.15	-0.73	33.33
1,730.00	1.45	228.00	1,729.76	-18.75	-3.58	18.75	0.28	0.13	10.00
1,760.00	1.67	213.00	1,759.75	-19.37	-4.10	19.37	1.54	0.73	-50.00
1,790.00	1.55	215.00	1,789.74	-20.07	-4.57	20.07	0.44	-0.40	6.67
1,820.00	1.70	217.00	1,819.73	-20.76	-5.07	20.76	0.53	0.50	6.67
1,850.00	2.10	217.00	1,849.71	-21.55	-5.67	21.55	1.33	1.33	0.00
1,880.00	2.10	219.00	1,879.69	-22.42	-6.35	22.42	0.24	0.00	6.67
1,910.00	1.89	226.00	1,909.67	-23.19	-7.05	23.19	1.07	-0.70	23.33
1,940.00	1.58	236.00	1,939.66	-23.76	-7.75	23.76	1.44	-1.03	33.33
1,970.00	1.67	233.00	1,969.65	-24.26	-8.44	24.26	0.41	0.30	-10.00
2,000.00	1.80	244.42	1,999.63	-24.72	-9.22	24.72	1.23	0.43	38.07
2,030.00	1.05	256.64	2,029.62	-24.99	-9.91	24.99	2.68	-2.50	40.73
2,060.00	1.27	276.72	2,059.62	-25.02	-10.51	25.02	1.53	0.73	66.93
2,090.00	1.05	304.89	2,089.61	-24.82	-11.06	24.82	2.01	-0.73	93.90
2,120.00	0.79	309.55	2,119.61	-24.53	-11.45	24.53	0.90	-0.87	15.53
2,150.00	0.80	328.99	2,149.60	-24.22	-11.71	24.22	0.90	0.03	64.80
2,180.00	1.05	325.94	2,179.60	-23.81	-11.97	23.81	0.85	0.83	-10.17
2,210.00	0.97	349.50	2,209.60	-23.33	-12.18	23.33	1.40	-0.27	78.53
2,240.00	1.41	342.03	2,239.59	-22.73	-12.34	22.73	1.55	1.47	-24.90
2,270.00	1.27	357.06	2,269.58	-22.05	-12.47	22.05	1.26	-0.47	50.10
2,300.00	1.36	346.03	2,299.57	-21.37	-12.57	21.37	0.89	0.30	-36.77
2,330.00	1.78	355.36	2,329.56	-20.56	-12.69	20.56	1.63	1.40	31.10
2,360.00	1.70	347.71	2,359.55	-19.66	-12.83	19.66	0.82	-0.27	-25.50
2,390.00	1.78	357.90	2,389.54	-18.76	-12.94	18.76	1.06	0.27	33.97
2,420.00	1.45	355.25	2,419.52	-17.92	-12.99	17.92	1.13	-1.10	-8.83
2,450.00	1.05	6.81	2,449.52	-17.27	-12.98	17.27	1.57	-1.33	38.53
2,480.00	1.10	9.49	2,479.51	-16.71	-12.90	16.71	0.24	0.17	8.93
2,510.00	0.80	27.66	2,509.51	-16.24	-12.76	16.24	1.41	-1.00	60.57
2,540.00	0.70	5.58	2,539.50	-15.87	-12.64	15.87	1.01	-0.33	-73.60
2,544.00	0.64	13.67	2,543.50	-15.83	-12.64	15.83	2.80	-1.50	202.25
2,597.00	0.64	13.67	2,596.50	-15.25	-12.50	15.25	0.00	0.00	0.00
Payzone MWD 151'- 2,597' MD									
2,696.00	0.36	63.04	2,695.50	-14.57	-12.09	14.57	0.49	-0.28	49.87
2,759.00	0.35	93.98	2,758.50	-14.50	-11.72	14.50	0.30	-0.02	49.11
2,822.00	0.29	122.94	2,821.50	-14.60	-11.40	14.60	0.27	-0.10	45.97
2,886.00	0.35	119.92	2,885.49	-14.78	-11.09	14.78	0.10	0.09	-4.72
2,950.00	0.47	164.09	2,949.49	-15.13	-10.85	15.13	0.51	0.19	69.02
3,013.00	0.60	170.34	3,012.49	-15.71	-10.72	15.71	0.23	0.21	9.92
3,076.00	0.44	172.38	3,075.49	-16.27	-10.63	16.27	0.26	-0.25	3.24
3,139.00	0.36	191.73	3,138.49	-16.71	-10.64	16.71	0.25	-0.13	30.71

LEAM Drilling Systems LLC

Survey Report

LEAM Drilling Systems LLC

Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	**Local Co-ordinate Reference:**	Well 2-8-3-3WH
Project:	DUCHESNE COUNTY, UT (NAD 83)	**TVD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Site:	CENTRAL BASIN (NAD 83)	**MD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Well:	2-8-3-3WH	**North Reference:**	True
Wellbore:	2-8-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Design:	2-8-3-3WH (Actual)	**Database:**	EDM 5000.1 Lynn Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,202.00	0.67	264.66	3,201.48	-16.93	-11.05	16.93	1.05	0.49	115.76
3,266.00	1.25	289.80	3,265.47	-16.73	-12.08	16.73	1.10	0.91	39.28
3,329.00	1.42	290.19	3,328.46	-16.23	-13.46	16.23	0.27	0.27	0.62
3,392.00	1.47	283.20	3,391.44	-15.78	-14.98	15.78	0.29	0.08	-11.10
3,456.00	1.40	283.48	3,455.42	-15.41	-16.54	15.41	0.11	-0.11	0.44
3,519.00	1.30	287.45	3,518.40	-15.01	-17.97	15.01	0.22	-0.16	6.30
3,583.00	1.25	273.39	3,582.38	-14.75	-19.36	14.75	0.49	-0.08	-21.97
3,646.00	1.51	274.64	3,645.37	-14.65	-20.87	14.65	0.42	0.41	1.98
3,771.00	1.75	256.63	3,770.32	-14.95	-24.37	14.95	0.45	0.19	-14.41
3,898.00	1.54	224.32	3,897.27	-16.62	-27.45	16.62	0.74	-0.17	-25.44
4,024.00	1.49	299.19	4,023.23	-17.04	-30.06	17.04	1.46	-0.04	59.42
4,151.00	1.30	289.16	4,150.20	-15.76	-32.86	15.76	0.24	-0.15	-7.90
4,279.00	0.88	266.19	4,278.17	-15.35	-35.22	15.35	0.47	-0.33	-17.95
4,406.00	0.91	236.75	4,405.16	-15.96	-37.03	15.96	0.36	0.02	-23.18
4,532.00	0.98	214.84	4,531.14	-17.40	-38.48	17.40	0.29	0.06	-17.39
4,658.00	1.00	202.58	4,657.12	-19.30	-39.52	19.30	0.17	0.02	-9.73
4,784.00	1.00	176.83	4,783.10	-21.41	-39.88	21.41	0.35	0.00	-20.44
4,911.00	1.79	184.83	4,910.07	-24.49	-39.99	24.49	0.64	0.62	6.30
5,037.00	2.04	186.68	5,036.00	-28.68	-40.42	28.68	0.20	0.20	1.47
5,164.00	1.45	300.36	5,162.96	-30.11	-42.07	30.11	2.31	-0.46	89.51
5,291.00	1.32	271.56	5,289.93	-29.26	-44.91	29.26	0.55	-0.10	-22.68
5,418.00	1.29	268.74	5,416.89	-29.25	-47.81	29.25	0.06	-0.02	-2.22
5,544.00	1.62	250.42	5,542.85	-29.88	-50.90	29.88	0.45	0.26	-14.54
5,669.00	1.79	240.62	5,667.80	-31.43	-54.27	31.43	0.27	0.14	-7.84
5,796.00	1.51	232.54	5,794.75	-33.42	-57.32	33.42	0.29	-0.22	-6.36
5,922.00	1.43	210.47	5,920.71	-35.79	-59.44	35.79	0.45	-0.06	-17.52
6,049.00	0.87	196.83	6,047.68	-38.08	-60.52	38.08	0.49	-0.44	-10.74
6,177.00	1.40	189.64	6,175.65	-40.55	-61.07	40.55	0.43	0.41	-5.62
6,303.00	2.26	50.34	6,301.62	-40.48	-59.41	40.48	2.73	0.68	-110.56
6,429.00	5.06	11.67	6,427.37	-33.45	-56.37	33.45	2.84	2.22	-30.69
6,555.00	5.78	354.59	6,552.81	-21.69	-55.85	21.69	1.40	0.57	-13.56
6,682.00	7.10	345.51	6,679.01	-7.73	-58.41	7.73	1.31	1.04	-7.15
6,810.00	7.92	342.31	6,805.92	8.34	-63.07	-8.34	0.72	0.64	-2.50
6,936.00	6.01	336.18	6,930.98	22.64	-68.38	-22.64	1.62	-1.52	-4.87
7,062.00	6.59	338.89	7,056.22	35.42	-73.64	-35.42	0.52	0.46	2.15
7,188.00	6.47	335.35	7,181.40	48.62	-79.21	-48.62	0.33	-0.10	-2.81
7,315.00	7.67	333.24	7,307.44	62.69	-86.01	-62.69	0.97	0.94	-1.66
7,379.00	6.25	331.71	7,370.96	69.57	-89.58	-69.57	2.24	-2.22	-2.39
7,442.00	6.41	337.08	7,433.58	75.83	-92.58	-75.83	0.97	0.25	8.52
7,505.00	6.14	337.83	7,496.20	82.19	-95.22	-82.19	0.45	-0.43	1.19
7,568.00	6.26	339.34	7,558.83	88.52	-97.70	-88.52	0.32	0.19	2.40

LEAM Drilling Systems LLC

Survey Report

LEAM Drilling Systems LLC

Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	**Local Co-ordinate Reference:**	Well 2-8-3-3WH
Project:	DUCHESNE COUNTY, UT (NAD 83)	**TVD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Site:	CENTRAL BASIN (NAD 83)	**MD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Well:	2-8-3-3WH	**North Reference:**	True
Wellbore:	2-8-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Design:	2-8-3-3WH (Actual)	**Database:**	EDM 5000.1 Lynn Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,632.00	5.91	339.57	7,622.47	94.88	-100.08	-94.88	0.55	-0.55	0.36
7,695.00	7.01	344.63	7,685.07	101.62	-102.23	-101.62	1.96	1.75	8.03
7,758.00	9.32	349.77	7,747.43	110.35	-104.16	-110.35	3.84	3.67	8.16
7,822.00	9.13	349.92	7,810.60	120.45	-105.97	-120.45	0.30	-0.30	0.23
7,885.00	8.16	348.67	7,872.89	129.76	-107.72	-129.76	1.57	-1.54	-1.98
7,948.00	6.89	347.11	7,935.34	137.82	-109.44	-137.82	2.04	-2.02	-2.48
8,011.00	7.61	355.43	7,997.84	145.67	-110.62	-145.67	2.02	1.14	13.21
8,074.00	8.01	358.93	8,060.26	154.21	-111.03	-154.21	0.99	0.63	5.56
8,138.00	6.96	358.80	8,123.71	162.55	-111.20	-162.55	1.64	-1.64	-0.20
8,201.00	5.94	0.77	8,186.31	169.62	-111.23	-169.62	1.66	-1.62	3.13
8,327.00	3.89	8.77	8,311.84	180.37	-110.49	-180.37	1.71	-1.63	6.35
8,454.00	2.61	27.09	8,438.64	187.20	-108.52	-187.20	1.29	-1.01	14.43
8,581.00	2.23	56.81	8,565.53	191.13	-105.14	-191.13	1.02	-0.30	23.40
8,707.00	3.18	74.49	8,691.39	193.40	-99.72	-193.40	1.00	0.75	14.03
8,770.00	3.23	83.46	8,754.29	194.07	-96.27	-194.07	0.80	0.08	14.24
8,822.00	3.30	97.30	8,806.21	194.05	-93.33	-194.05	1.52	0.13	26.62
8,854.00	4.40	142.55	8,838.14	192.96	-91.67	-192.96	9.78	3.44	141.41
8,885.00	6.87	164.78	8,868.99	190.22	-90.46	-190.22	10.49	7.97	71.71
8,910.00	10.98	171.53	8,893.69	186.42	-89.72	-186.42	16.94	16.44	27.00
8,949.00	14.84	175.24	8,931.69	177.77	-88.75	-177.77	10.12	9.90	9.51
8,981.00	19.02	180.51	8,962.30	168.47	-88.46	-168.47	13.90	13.06	16.47
9,010.00	22.26	183.63	8,989.44	158.26	-88.85	-158.26	11.79	11.17	10.76
9,044.00	26.13	189.04	9,020.45	144.43	-90.43	-144.43	13.11	11.38	15.91
9,075.00	27.04	190.63	9,048.17	130.76	-92.81	-130.76	3.73	2.94	5.13
9,107.00	29.33	190.72	9,076.37	115.91	-95.61	-115.91	7.16	7.16	0.28
9,136.00	31.55	190.65	9,101.38	101.47	-98.33	-101.47	7.66	7.66	-0.24
9,201.00	36.32	189.10	9,155.29	65.73	-104.52	-65.73	7.46	7.34	-2.38
9,233.00	40.73	183.32	9,180.33	45.94	-106.63	-45.94	17.78	13.78	-18.06
9,265.00	45.47	179.89	9,203.69	24.09	-107.21	-24.09	16.52	14.81	-10.72
9,297.00	51.47	176.49	9,224.90	0.17	-106.42	-0.17	20.36	18.75	-10.63
9,328.00	54.04	174.82	9,243.66	-24.43	-104.55	24.43	9.33	8.29	-5.39
9,360.00	56.09	173.67	9,261.98	-50.53	-101.91	50.53	7.05	6.41	-3.59
9,392.00	58.05	173.64	9,279.38	-77.23	-98.94	77.23	6.13	6.13	-0.09
9,423.00	57.82	173.32	9,295.84	-103.33	-95.96	103.33	1.15	-0.74	-1.03
9,455.00	57.38	173.41	9,312.98	-130.16	-92.84	130.16	1.40	-1.38	0.28
9,486.00	58.62	172.89	9,329.41	-156.27	-89.70	156.27	4.25	4.00	-1.68
9,518.00	62.80	173.50	9,345.06	-183.97	-86.40	183.97	13.17	13.06	1.91
9,549.00	64.88	173.24	9,358.73	-211.61	-83.19	211.61	6.75	6.71	-0.84
9,581.00	66.73	173.14	9,371.84	-240.59	-79.73	240.59	5.79	5.78	-0.31
9,613.00	68.32	173.41	9,384.08	-269.96	-76.26	269.96	5.03	4.97	0.84
9,644.00	71.31	173.94	9,394.77	-298.87	-73.06	298.87	9.78	9.65	1.71
9,675.00	73.95	174.48	9,404.02	-328.30	-70.08	328.30	8.68	8.52	1.74

LEAM Drilling Systems LLC

Survey Report

LEAM Drilling Systems LLC

Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	**Local Co-ordinate Reference:**	Well 2-8-3-3WH
Project:	DUCHESNE COUNTY, UT (NAD 83)	**TVD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Site:	CENTRAL BASIN (NAD 83)	**MD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Well:	2-8-3-3WH	**North Reference:**	True
Wellbore:	2-8-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Design:	2-8-3-3WH (Actual)	**Database:**	EDM 5000.1 Lynn Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,707.00	78.52	174.52	9,411.64	-359.23	-67.10	359.23	14.28	14.28	0.13
9,739.00	80.89	174.20	9,417.36	-390.56	-64.00	390.56	7.47	7.41	-1.00
9,770.00	82.33	174.34	9,421.88	-421.08	-60.94	421.08	4.67	4.65	0.45
9,802.00	82.33	174.38	9,426.15	-452.64	-57.83	452.64	0.12	0.00	0.13
9,834.00	83.69	174.13	9,430.04	-484.24	-54.65	484.24	4.32	4.25	-0.78
9,865.00	85.42	173.94	9,432.99	-514.93	-51.44	514.93	5.61	5.58	-0.61
9,897.00	86.85	173.89	9,435.14	-546.68	-48.05	546.68	4.47	4.47	-0.16
9,929.00	86.65	174.12	9,436.96	-578.45	-44.72	578.45	0.95	-0.63	0.72
9,961.00	86.74	174.12	9,438.80	-610.23	-41.44	610.23	0.28	0.28	0.00
9,992.00	86.74	174.47	9,440.56	-641.03	-38.37	641.03	1.13	0.00	1.13
10,024.00	87.90	174.27	9,442.06	-672.84	-35.23	672.84	3.68	3.63	-0.63
10,056.00	87.97	173.99	9,443.21	-704.65	-31.96	704.65	0.90	0.22	-0.88
10,088.00	89.38	173.83	9,443.95	-736.46	-28.57	736.46	4.43	4.41	-0.50
10,119.00	90.99	173.55	9,443.85	-767.27	-25.16	767.27	5.27	5.19	-0.90
10,150.00	91.32	173.41	9,443.23	-798.06	-21.64	798.06	1.16	1.06	-0.45
10,182.00	92.34	172.97	9,442.21	-829.82	-17.85	829.82	3.47	3.19	-1.38
10,214.00	92.73	172.53	9,440.79	-861.53	-13.81	861.53	1.84	1.22	-1.38
10,245.00	92.96	172.62	9,439.25	-892.24	-9.81	892.24	0.80	0.74	0.29
10,277.00	93.09	173.16	9,437.56	-923.95	-5.86	923.95	1.73	0.41	1.69
10,308.00	94.08	173.95	9,435.63	-954.69	-2.39	954.69	4.08	3.19	2.55
10,341.00	94.51	174.23	9,433.15	-987.42	1.00	987.42	1.55	1.30	0.85
10,373.00	94.57	174.59	9,430.62	-1,019.17	4.11	1,019.17	1.14	0.19	1.13
10,404.00	92.65	176.07	9,428.67	-1,050.00	6.63	1,050.00	7.81	-6.19	4.77
10,436.00	92.10	176.31	9,427.34	-1,081.90	8.75	1,081.90	1.88	-1.72	0.75
10,468.00	93.00	177.12	9,425.92	-1,113.82	10.59	1,113.82	3.78	2.81	2.53
10,499.00	93.95	177.69	9,424.04	-1,144.73	11.99	1,144.73	3.57	3.06	1.84
10,531.00	92.53	180.08	9,422.23	-1,176.67	12.61	1,176.67	8.68	-4.44	7.47
10,563.00	91.11	180.32	9,421.22	-1,208.65	12.50	1,208.65	4.50	-4.44	0.75
10,594.00	90.79	181.52	9,420.70	-1,239.64	12.00	1,239.64	4.01	-1.03	3.87
10,626.00	89.26	181.93	9,420.69	-1,271.63	11.03	1,271.63	4.95	-4.78	1.28
10,657.00	89.26	181.72	9,421.09	-1,302.61	10.05	1,302.61	0.68	0.00	-0.68
10,689.00	89.26	181.41	9,421.50	-1,334.60	9.17	1,334.60	0.97	0.00	-0.97
10,721.00	89.12	181.52	9,421.95	-1,366.58	8.36	1,366.58	0.56	-0.44	0.34
10,753.00	90.31	180.83	9,422.11	-1,398.57	7.70	1,398.57	4.30	3.72	-2.16
10,785.00	90.80	180.90	9,421.80	-1,430.57	7.22	1,430.57	1.55	1.53	0.22
10,817.00	93.89	180.53	9,420.49	-1,462.54	6.82	1,462.54	9.73	9.66	-1.16
10,849.00	94.56	180.92	9,418.14	-1,494.45	6.41	1,494.45	2.42	2.09	1.22
10,880.00	94.07	180.62	9,415.80	-1,525.35	6.00	1,525.35	1.85	-1.58	-0.97
10,912.00	92.78	179.47	9,413.89	-1,557.30	5.97	1,557.30	5.40	-4.03	-3.59
10,943.00	92.59	180.22	9,412.44	-1,588.26	6.06	1,588.26	2.49	-0.61	2.42
10,975.00	92.71	180.39	9,410.96	-1,620.23	5.89	1,620.23	0.65	0.38	0.53
11,007.00	93.87	180.38	9,409.12	-1,652.17	5.67	1,652.17	3.63	3.63	-0.03

LEAM Drilling Systems LLC

Survey Report

LEAM Drilling Systems LLC

Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	**Local Co-ordinate Reference:**	Well 2-8-3-3WH
Project:	DUCHESNE COUNTY, UT (NAD 83)	**TVD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Site:	CENTRAL BASIN (NAD 83)	**MD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Well:	2-8-3-3WH	**North Reference:**	True
Wellbore:	2-8-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Design:	2-8-3-3WH (Actual)	**Database:**	EDM 5000.1 Lynn Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,038.00	94.44	180.46	9,406.88	-1,683.09	5.45	1,683.09	1.86	1.84	0.26
11,070.00	94.44	180.90	9,404.40	-1,714.99	5.07	1,714.99	1.37	0.00	1.38
11,101.00	93.45	180.78	9,402.27	-1,745.92	4.61	1,745.92	3.22	-3.19	-0.39
11,133.00	94.07	182.23	9,400.17	-1,777.83	3.78	1,777.83	4.92	1.94	4.53
11,165.00	94.26	183.70	9,397.84	-1,809.71	2.12	1,809.71	4.62	0.59	4.59
11,197.00	93.58	184.19	9,395.66	-1,841.56	-0.07	1,841.56	2.62	-2.13	1.53
11,228.00	93.45	185.26	9,393.76	-1,872.39	-2.62	1,872.39	3.47	-0.42	3.45
11,291.00	93.46	187.37	9,389.96	-1,934.89	-9.54	1,934.89	3.34	0.02	3.35
11,354.00	93.26	189.63	9,386.27	-1,997.09	-18.83	1,997.09	3.60	-0.32	3.59
11,417.00	92.72	191.85	9,382.98	-2,058.90	-30.56	2,058.90	3.62	-0.86	3.52
11,481.00	92.90	195.10	9,379.84	-2,121.05	-45.45	2,121.05	5.08	0.28	5.08
11,544.00	92.41	194.50	9,376.92	-2,181.90	-61.53	2,181.90	1.23	-0.78	-0.95
11,575.00	92.96	193.24	9,375.47	-2,211.96	-68.95	2,211.96	4.43	1.77	-4.06
11,607.00	92.77	192.75	9,373.87	-2,243.10	-76.14	2,243.10	1.64	-0.59	-1.53
11,639.00	93.21	191.71	9,372.20	-2,274.33	-82.90	2,274.33	3.52	1.38	-3.25
11,671.00	92.34	188.49	9,370.65	-2,305.79	-88.51	2,305.79	10.41	-2.72	-10.06
11,702.00	92.47	184.52	9,369.35	-2,336.56	-92.02	2,336.56	12.80	0.42	-12.81
11,734.00	93.00	185.23	9,367.82	-2,368.41	-94.73	2,368.41	2.77	1.66	2.22
11,798.00	95.02	183.82	9,363.35	-2,432.05	-99.77	2,432.05	3.85	3.16	-2.20
11,861.00	94.50	181.76	9,358.12	-2,494.75	-102.83	2,494.75	3.36	-0.83	-3.27
11,924.00	92.40	181.12	9,354.33	-2,557.61	-104.41	2,557.61	3.48	-3.33	-1.02
11,987.00	91.17	179.64	9,352.37	-2,620.58	-104.82	2,620.58	3.05	-1.95	-2.35
12,051.00	91.48	179.82	9,350.89	-2,684.56	-104.52	2,684.56	0.56	0.48	0.28
12,115.00	92.34	179.36	9,348.75	-2,748.52	-104.06	2,748.52	1.52	1.34	-0.72
12,178.00	93.52	179.39	9,345.53	-2,811.44	-103.38	2,811.44	1.87	1.87	0.05
12,241.00	92.47	179.02	9,342.24	-2,874.34	-102.50	2,874.34	1.77	-1.67	-0.59
12,305.00	93.33	177.71	9,339.00	-2,938.23	-100.68	2,938.23	2.45	1.34	-2.05
12,368.00	92.96	177.03	9,335.55	-3,001.07	-97.79	3,001.07	1.23	-0.59	-1.08
12,431.00	94.26	175.57	9,331.58	-3,063.81	-93.74	3,063.81	3.10	2.06	-2.32
12,495.00	94.69	175.22	9,326.59	-3,127.41	-88.62	3,127.41	0.87	0.67	-0.55
12,558.00	95.37	176.47	9,321.06	-3,190.00	-84.07	3,190.00	2.25	1.08	1.98
12,621.00	93.83	175.92	9,316.01	-3,252.66	-79.90	3,252.66	2.59	-2.44	-0.87
12,684.00	93.27	175.61	9,312.11	-3,315.37	-75.26	3,315.37	1.02	-0.89	-0.49
12,747.00	93.26	176.06	9,308.52	-3,378.10	-70.69	3,378.10	0.71	-0.02	0.71
12,811.00	93.46	175.57	9,304.77	-3,441.82	-66.03	3,441.82	0.83	0.31	-0.77
12,874.00	95.12	176.15	9,300.06	-3,504.47	-61.49	3,504.47	2.79	2.63	0.92
12,937.00	94.07	176.66	9,295.01	-3,567.15	-57.55	3,567.15	1.85	-1.67	0.81
13,001.00	93.14	176.76	9,290.99	-3,630.91	-53.89	3,630.91	1.46	-1.45	0.16
13,064.00	93.08	178.06	9,287.57	-3,693.75	-51.05	3,693.75	2.06	-0.10	2.06
13,127.00	93.21	178.98	9,284.11	-3,756.64	-49.42	3,756.64	1.47	0.21	1.46
13,191.00	93.33	179.86	9,280.46	-3,820.53	-48.77	3,820.53	1.39	0.19	1.38

LEAM Drilling Systems LLC

Survey Report

LEAM Drilling Systems LLC

Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	**Local Co-ordinate Reference:**	Well 2-8-3-3WH
Project:	DUCHESNE COUNTY, UT (NAD 83)	**TVD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Site:	CENTRAL BASIN (NAD 83)	**MD Reference:**	WELL (5493'+18'= 5511' MSL) @ 5511.00usft (Pioneer 68 (KB=18'))
Well:	2-8-3-3WH	**North Reference:**	True
Wellbore:	2-8-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Design:	2-8-3-3WH (Actual)	**Database:**	EDM 5000.1 Lynn Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,254.00	91.42	176.27	9,277.85	-3,883.43	-46.65	3,883.43	6.45	-3.03	-5.70
13,317.00	92.84	178.74	9,275.51	-3,946.32	-43.91	3,946.32	4.52	2.25	3.92
13,380.00	92.47	178.93	9,272.59	-4,009.24	-42.63	4,009.24	0.66	-0.59	0.30
13,444.00	93.58	182.60	9,269.21	-4,073.13	-43.48	4,073.13	5.98	1.73	5.73
13,507.00	94.05	184.87	9,265.02	-4,135.85	-47.57	4,135.85	3.67	0.75	3.60
13,570.00	93.76	186.46	9,260.73	-4,198.40	-53.78	4,198.40	2.56	-0.46	2.52
13,632.00	92.96	187.14	9,257.09	-4,259.85	-61.11	4,259.85	1.69	-1.29	1.10
13,659.00	92.90	188.05	9,255.71	-4,286.58	-64.67	4,286.58	3.37	-0.22	3.37
Weatherford MWD 2696'- 13,659' MD									
13,716.00	92.90	188.05	9,252.83	-4,342.95	-72.64	4,342.95	0.00	0.00	0.00
Project to TD at 13,716' MD- 9252.83 TVD									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
2,597.00	2,596.50	-15.25	-12.50	Payzone MWD 151'- 2,597' MD
13,659.00	9,255.71	-4,286.58	-64.67	Weatherford MWD 2696'- 13,659' MD
13,716.00	9,252.83	-4,342.95	-72.64	Project to TD at 13,716' MD- 9252.83 TVD

Checked By: _____ Approved By: _____ Date: _____

Daily Activity Report

Format For Sundry

RED CAP 2-8-3-3WH

4/1/2013 To 8/30/2013

5/20/2013 Day: 1 **Completion**

Rigless on 5/20/2013 - Run wireline tools 40 arm caliper, magnetic thickness tool and CBL - POOH to check out the problem - RIH with J-W Wireline 40 arm caliper tool, Magnetic thickness tool and CBL. Tools failed
Daily Cost: $0
Cumulative Cost: $90,200

5/21/2013 Day: 2 **Completion**

Rigless on 5/21/2013 - Logging the well with 40 arm caliper, magnetic tool and CBL. - Waiting for HES wireline coming from Grand junction CO to run CAST-M log . FMC on location to NU 7 1/16" frac stack . weatherford to test as per Newfield Guide lines 250psi low 10kpsi high.RU RockWater ball catcher. RU flow lines & test to New Field Guidelines . - Finished testing Frac stack,Testing wireline lubricator at report time. - OOH with 40 arm caliper, magnetic thickness tool and CBL. J-W wireline has found that the 40 arm caliper tool is no good. Trying to find option to getting another one to location. - Weatherford is pressure testing the lubricator to 4850psi. After talking with Orson JW wireline will be going back in the hole to run CBL and Gamma tools. J-W wireline still working on getting a 40 arm caliper tool to location. We have halliburton on the way from Grand junction .RD JW wire line . Secured well
Daily Cost: $0
Cumulative Cost: $104,037

5/22/2013 Day: 3 **Completion**

Rigless on 5/22/2013 - run CAST-M log - JW wireline to run 40 arm caliper log. Pulled log from 9195' to surface with 1,500 Psi on casing. Field logs looks good. RDMO JW Wireline. Logs Emailed out on update 00:30 5-23-2013 - Waiting For JW wireline to run 40 arm caliper log.MIRU JW wire line .Hold safety meeting review JSA . RU 5.5 5k Lubricator. RU Weatherford to Test lubricator to 5000psi for 5 min. - Run Halliburton CAST-M log from 4.5 liner top (8,780' to surface) CAST -M tools not working when they were on depth to start logging up @8780' operator attempted to get tools to work to no avail operator made call for support from IT . Could not fix problem . POOH w/ tools LD Tools. Checking each stage for problem. Weatherford is finishing up testing Flowback lines.hard line .manifold , slug catcher ,sand Trap.
Daily Cost: $0
Cumulative Cost: $144,414

5/23/2013 Day: 4 **Completion**

Rigless on 5/23/2013 - prep location for 20 stage frac. Baker has 3:00 am yard time as per Baker Hughes. Wait on Baker frac crew. - Baker Hughes frac crew on location RU water manifold. Staging in other equip. still waiting for belt to show up. should have been on location 8 hrs ago. waiting for belt to show up. Belt is on location spotting in now. Baker Hughes frac crew on location. Held safety Meeting. Pressure frac lines to 10,000 psi set N2 pop off. Acid transport is in route. - Continue to prep location for 20 stage frac. Baker has 3:00 am yard time as per Baker Hughes. Wait on Baker frac crew. - Wait on Acid transport.

Change out frac crew. Wait on equipment to complete rig up of Baker Frac.
Daily Cost: $0
Cumulative Cost: $158,369

5/24/2013 Day: 5 **Completion**

Rigless on 5/24/2013 - Start stage #1 of 13 stages. - Stage 4 N2 Pop Off set at 8,950 Psi, 360 Psi on regulator. 1,900 Psi N2 Bottle, OK. Hydraulic Fracture Basal Carbonate stage #4 as follows: Break down 4,482 psi.Avg rate: 35 bpm, Avg press: 5405 psi, Max rate: 35 bpm, Max press: 6083 Psi. FG.0.434, Total 30/50 White: 234788 lbs, Total 15% FE acid 0 gal. Avg HHP: 4,610. Total load to recover 2,188 bbls total cost$68380 Ball Seat Stage Pressures and Rate: 6469 psi @ 9.9 bpm , 4647 psi Pressure before Seating , 4572 psi Pressure after Seating - Stage5 N2 Pop Off set at 8,950 Psi, 360 Psi on regulator. 1,900 Psi N2 Bottle, OK. Hydraulic Fracture Basal Carbonate stage #5 as follows: Break down 4922 psi.Avg rate: 35 bpm, Avg press: 5329 psi, Max rate: 35 bpm, Max press: 6172 Psi. FG.0.434, Total 30/50 White: 227553 lbs, Total 15% FE acid 0 gal. Avg HHP: 4,611. Total load to recover 1512 bbls total cost $64442.72 Ball Seat Stage Pressures and Rate: 6136 psi @ 11.8 bpm , 4736 psi Pressure before Seating , 4708 psi Pressure after Seating - Stage6 N2 Pop Off set at 8,950 Psi, 360 Psi on regulator. 1,900 Psi N2 Bottle, OK. Hydraulic Fracture Basal Carbonate stage #6 as follows: Break down 4,835 psi.Avg rate: 36 bpm, Avg press: 5185 psi, Max rate: 37 bpm, Max press: 5456 Psi. FG.0.434, Total 30/50 White: 110140 lbs, Total 15% FE acid 0 gal. Avg HHP: 4,511. Total load to recover 1911 bbls total cost $63109.61 Ball Seat Stage Pressures and Rate: psi @ 11.8 bpm , 4853 psi Pressure before Seating , psi Pressure after Seating - Stage7 N2 Pop Off set at 8,700 Psi, 350 Psi on regulator. 1,900 Psi N2 Bottle, OK. Hydraulic Fracture Basal Carbonate stage #7 as follows: Break down 4,178 psi.Avg rate: 32 bpm, Avg press: 5238 psi, Max rate: 40 bpm, Max press: 5687 Psi. FG.0.434, Total 30/50 White: 112785 lbs, Total 15% FE acid 0 gal. Avg HHP: 4,147. Total load to recover 1508 bbls total cost $60448.38.Ball Seat Stage7 Pressures and Rate:6013 psi @ 10.3 bpm , 4983 psi Pressure before Seating , 4374 psi Pressure after Seating. - Stage8 N2 Pop Off set at 8,700 Psi, 350 Psi on regulator. 1,900 Psi N2 Bottle, OK. Hydraulic Fracture Basal Carbonate stage #8 as follows: Break down 4,4673 psi.Avg rate: 35 bpm, Avg press: 5301 psi, Max rate: 36 bpm, Max press: 6059 Psi. FG.1.002, Total 30/50 White: 108746 lbs, Total 15% FE acid 0 gal. Avg HHP: 4586. Total load to recover 1621 bbls total cost $63442.61 Ball Seat Stage #8 Pressures and Rate:6404 psi @ 10.4 bpm , 4783 psi Pressure before Seating , 4629 psi Pressure after Seating. - Stage9 N2 Pop Off set at 8,700 Psi, 350 Psi on regulator. 1,900 Psi N2 Bottle, OK. Hydraulic Fracture Basal Carbonate stage #9 as follows: Break down 3682 psi.Avg rate: 35 bpm, Avg press: 5158 psi, Max rate: 36 bpm, Max press: 5913 Psi. FG.0.948, Total 30/50 White: 111730 lbs, Total 15% FE acid 0 gal. Avg HHP: 4362. Total load to recover 1531 bbls total cost $65024.36 Ball Seat Stage #9 Pressures and Rate:6200 psi @ 9.3 bpm , 4561 psi Pressure before Seating , psi Pressure after Seating. - Stage#10 N2 Pop Off set at 8,700 Psi, 350 Psi on regulator. 1,900 Psi N2 Bottle, OK. Hydraulic Fracture Basal Carbonate stage #10 as follows: Break down 4720 psi.Avg rate: 35 bpm, Avg press: 5158 psi, Max rate: 36 bpm, Max press: 5960 Psi. FG.1.223, Total 30/50 White: 111164 lbs, Total 15% FE acid 0 gal. Avg HHP: 4566. Total load to recover 1708 bbls total cost $64649.18 Ball Seat Stage #10 Pressures and Rate:6304 psi @ 9.8 bpm , 4505 psi Pressure before Seating ,4583 psi Pressure after Seating. - Stage#11 N2 Pop Off set at 8,700 Psi, 350 Psi on regulator. 1,900 Psi N2 Bottle, Hydraulic Fracture Basal Carbonate stage #11 as follows: SICP 5,189 psi. Avg rate: 38 bpm, Avg press: 5,189 psi, Max rate: 41 bpm, Max press: 6,101 Psi. FG.1.109, Total 30/50 White: 111,377 lbs, Total 15% FE acid 0 gal. Avg HHP: 4,820. Total load to recover 1,659 bbls, Total cost $65,708.67 360 psi on N2 regulator, 1900 psi on bottle, Pop off set at 8700 psi. Pressure tested to 9400 psi CMG operator didn?t get mixing gel righ away, had a valve closed. Lost visc, dropped rate to catch up on CMG. Overall good job execution. Ball Seat Stage Pressures and Rate: 6330 psi @ 11 bpm , 5427 psi Pressure before Seating , 4569 psi Pressure after Seating GW-3LDF-13% (20.6), XLW-10A-11% (10.3), Scalesorb 7-6% (12.6), Scaletrol 720-14% (1.5) CRB-LT-2.2% (2.2), NE-900-11.8% (16.5) ClayCare-7.6%

(5.3), Alpha 452-31.2% (5.4) - Stage#12 N2 Pop Off set at 8,700 Psi, 350 Psi on regulator. 1,900 Psi N2 Bottle, Hydraulic Fracture Basal Carbonate stage #12 as follows: SICP 4,210 psi. Avg rate: 39 bpm, Avg press: 5,249 psi, Max rate: 42 bpm, Max press: 5,736 Psi. FG 0.434, Total 30/50 White: 109,987 lbs, Total 15% FE acid 0 gal. Avg HHP: 5,030. Total load to recover 1,564 bbls, Total cost $64,742.97 80.0% OF THE DESIGNED PROPPANT WAS PLACED IN THE FORMATION. 87,947 LBS OF PROPPANT PLACED IN THE FORMATION. 22,040 LBS OF PROPPANT LEFT IN CASING. Flowed well back 550 bbls, No ball in returns, flush casing volume and dropped ball for stage #13 350 psi on N2 regulator, 1900 psi on bottle, Pop off set at 8700 psi. Pressure tested to 9434 psi Pressure started coming up n flush. Tried to control with rate, but pumps were dropping off too early. Well pressured out approx 86 bbls short. Overall good job execution. Ball Seat Stage Pressures and Rate: 6519 psi @ 10.5 bpm , 5218 psi Pressure before Seating , 4545 psi Pressure after Seating GW-3LDF-5.2% (7.9), Scalesorb 7-7.4% (15.5), Scaletrol 720-39.1% (3.9) CRB-LT-3.5% (3.6), NE-900-4.8% (6.3) Enzyme G HT III-16.4% (4.1), ClayCare-6.6% (4.3), Alpha 452-9.6% (1.6) - Pumping stage #13 at report time. - Stage 3 N2 Pop Off set at 8,950 Psi, 360 Psi on regulator. 1,900 Psi N2 Bottle, OK. Hydraulic Fracture Basal Carbonate stage #3 as follows: Drop and pump ball #3 . Break down 4,482 psi.Avg rate: 36 bpm, Avg press: 5,668 psi, Max rate: 36 bpm, Max press: 6,434 Psi. FG.0.414, Total 30/50 White: 93,580 lbs, Total 100 mesh: 3,660 lbs. Total 15% FE acid 0 gal. Avg HHP: 4,960. Total load to recover 2,261 bbls total cost$28679.31 Ball Seat Stage Pressures and Rate: 6283 psi @ 10.3 bpm , 4639 psi Pressure before Seating , 4580 psi Pressure after Seating - Stage 2 N2 Pop Off set at 8,950 Psi, 360 Psi on regulator. 1,900 Psi N2 Bottle, OK. Hydraulic Fracture Basal Carbonate stage #2 as follows: Drop and pump ball #2 (1.955). Break down 4,482 psi.Avg rate: 36 bpm, Avg press: 5,668 psi, Max rate: 36 bpm, Max press: 6,434 Psi. FG.0.414, Total 30/50 White: 93,740 lbs, Total 100 mesh: 3,500 lbs. Total 15% FE acid 40 gal. Avg HHP: 4,960. Total load to recover 2,275 bbls total cost$27338.01 Ball Seat Stage Pressures and Rate: 6276 psi @ 9.3 bpm , 4493 psi Pressure before Seating , 4445 psi Pressure after Seating GW-3LDF-4% (10.1), XLW-10A-4.9% (7.4), Scalesorb 7-8.5% (28.4), Scaletrol 720-23.2% (3.3) CRB-38.1% (27.7), NE-900-5.3% (8.2) GBW-5-50% (5), ClayCare-5.8% (5.5), Alpha 452-45.6% (10.9) - Stage 1 Location Safety Mtg. Prime pumps and test lines to 9,010 psi, Set N2 Pop Off at 8,950 Psi, 360 Psi on regulator. 1,900 Psi N2 Bottle, OK. Hydraulic Fracture Basal Carbonate stage 1 as follows: SICP 112 PsiDrop and pump ball #1 0 .785. Break down 3.1 bpm @ 3,926 psi.Avg rate: 23 bpm, Avg press: 7,136 psi, Max rate: 33 bpm, Max press: 7,918 Psi. FG.0.434, Total 30/50 White: 77,220 lbs, Total 100 mesh: 3,500 lbs. Total 15% FE acid 40 gal. Avg HHP: 4,093. Total load to recover 1,810 bbls.total cost $22847.56 - Attempted to launch ball for stage # 7 Ball launcher not working would not cycle started leaking from stem . Broke out ball launch system .set up to drop ball down top. Pressure tested Frac line to 9857psi Reset pop off @8750psi.

Daily Cost: $0

Cumulative Cost: $888,516

5/25/2013 Day: 6 **Completion**

Rigless on 5/25/2013 - pump stages 13 - 20, RD Baker Hughes, MIRU JW wireline.ND 10K 7-1/16" frac stack, - Stage#17 N2 Pop Off set at 8,700 Psi, 345 Psi on regulator. 1,900 Psi N2 Bottle, tested to 8,970 OK. Hydraulic Fracture Basal Carbonate stage #17 as follows: SICP 4,400 psi.Avg rate: 40bpm, Avg press: 5,134psi, Max rate: 41 bpm, Max press: 6,019 Psi. FG..998, Total 30/50 White: 103,874 lbs, Total 15% FE acid 0 gal. Avg HHP: 5,084. Total load to recover 1,629 bbls, Total cost $61,489.56 345 psi on N2 regulator, 1900 psi on bottle, Pop off set at 8700 psi. Pressure tested to 8970 psi.Good smooth job. Ball Seat Stage Pressures and Rate: 6036 psi @ 11.8 bpm , 4648 psi Pressure before Seating , 4967 psi Pressure after Seating. - Finish pumping stage #13. Stage#13 N2 Pop Off set at 8,700 Psi, 350 Psi on regulator. 1,900 Psi N2 Bottle, Tested 9,370 Psi.Hydraulic Fracture Basal Carbonate stage #13 as follows: SICP 4,110 psi.Avg rate: 36 bpm, Avg press: 5,065 psi, Max rate: 42 bpm, Max press: 5,681 Psi. FG.0.991, Total 30/50 White: 97,655 lbs, Total 15% FE acid 0 gal. Avg HHP:

4,668. Total load to recover 1,896 bbls, Total cost $57,378.68.350 psi on N2 regulator, 1900 psi on bottle, Pop off set at 8700 psi. Pressure tested to 9370 psi.Displaced wellbore prior to ball drop.We lost the blender tub when we switched to gel, came off line to align valves and continued pumping. Sanded the T-belt off on 5 ppg sand, shutdown to get belt moving again.Ball Seat Stage Pressures and Rate: 6754 psi @ 12.2 bpm , 6754 psi Pressure before Seating , 4493 psi Pressure after Seating.Crew changed during frac stage #13 and dumped about 20,000 lbs sand on ground, - Stage#19 N2 Pop Off set at 8,700 Psi, 345 Psi on regulator. 1,900 Psi N2 Bottle, tested to 8,952 OK. Hydraulic Fracture Basal Carbonate stage #19 as follows: SICP 4335 psi.Avg rate: 37 bpm, Avg press: 5841 psi, Max rate: 40 bpm, Max press: 8206 Psi. FG.0.434, Total 30/50 White: 103449 lbs, Total 15% FE acid 0 gal. Avg HHP: 5254. Total load to recover 1,435 bbls, Total cost $61219.28 Ball Seat Stage Pressures and Rate: 6013 psi @ 10.9 bpm , 4590 psi Pressure before Seating , 4981 psi Pressure after Seating. screened out on 5#sand 122bbls into flush - Baker Hughes doing Repair to pump #5 so we will be able to finish stage 20 frac. - Stage#20 N2 Pop Off set at 8,700 Psi, 345 Psi on regulator. 1,900 Psi N2 Bottle, tested to 9850 OK. Hydraulic Fracture Basal Carbonate stage #20 as follows: SICP 4075 psi.Avg rate: 35 bpm, Avg press: 7009 psi, Max rate: 41 bpm, Max press: 8344 Psi. FG.1.234, Total 30/50 White: 98612 lbs, Total 15% FE acid 0 gal. Avg HHP: 5944. Total load to recover 2261 bbls, Total cost $59446.61 Ball Seat Stage Pressures and Rate: 8604 psi @ 9.7 bpm , 7457 psi Pressure before Seating , 6098 psi Pressure after Seating. - RD Baker Hughes Frac Crew. Move all frac Equip off location . MIRU JW wireline. Hold safety meeting review JSA . RU 10k lubricator. test lubricator RIH w/ 4.5" 10k kill plug. Set @8,810' , Set plug in wrong spot, Suppose to be set at 8,920? with collar locator at 8,910?, Plug was set at 8,810? instead of 8,910? Plug was set in top collar of first casing jt below liner top. Plug leaking and unable to bled of pressure from well bore, Called in and reported mistake and told to get Cameron and lubricate Hanger and back pressure vale and land in head, Close HCR and ND frac stack and NU drill out stack, and prep for Cudd to snub in BHA and drill string. Close in 7 1/16" HCR frac valve . ND Lubricator. RDMO JW wire line. - MIRU Weatherford and ND 10K 7-1/16" frac stack, - Stage#14 N2 Pop Off set at 8,700 Psi, 345 Psi on regulator. 1,900 Psi N2 Bottle, Tested 9,000 Psi.Hydraulic Fracture Basal Carbonate stage #14 as follows: SICP 4,030 psi.Avg rate: 40 bpm, Avg press: 4,951 psi, Max rate: 41 bpm, Max press: 5,737 Psi. FG..938, Total 30/50 White: 119,979 lbs, Total 15% FE acid 0 gal. Avg HHP: 4,902. Total load to recover 1,569 bbls, Total cost $69,797.36.350 psi on N2 regulator, 1900 psi on bottle, Pop off set at 8700 psi. Pressure tested to 9370 psi.Displaced wellbore prior to ball drop.We lost the blender tub when we switched to gel, came off line to align valves and continued pumping.Sanded the T-belt off on 5 ppg sand, shutdown to get belt moving again. Ball Seat Stage Pressures and Rate: 6754 psi @ 12.2 bpm , 6754 psi Pressure before Seating , 4493 psi Pressure after Seating - Stage#15 N2 Pop Off set at 8,700 Psi, 345 Psi on regulator. 1,900 Psi N2 Bottle, tested to 8,958 Psi. Hydraulic Fracture Basal Carbonate stage #15 as follows: SICP 4,305 psi. Avg rate: 342 bpm, Avg press: 5,210psi, Max rate: 43 bpm, Max press: 5,999 Psi. FG..969, Total 30/50 White: 108,580 lbs, Total 15% FE acid 0 gal. Avg HHP: 5,363. Total load to recover 1,639 bbls, Total cost $63,812.24 345 psi on N2 regulator, 1900 psi on bottle, Pop off set at 8700 psi. Pressure tested to 8958 psi. We had a drop in concentration during the 6 ppg stage due to a slow gate response. Good job. Ball Seat Stage Pressures and Rate: 5078 psi @ 12.5 bpm , 4630 psi Pressure before Seating , 4650 psi Pressure after Seating. - Stage#16 N2 Pop Off set at 8,700 Psi, 345 Psi on regulator. 1,900 Psi N2 Bottle, tested to 8,953. Hydraulic Fracture Basal Carbonate stage #16 as follows: SICP 4,370 psi. Avg rate: 41 bpm, Avg press: 5,000 psi, Max rate: 42 bpm, Max press: 5,737 Psi. FG..958, Total 30/50 White: 99,905 lbs, Total 15% FE acid 0 gal. Avg HHP: 5,025. Total load to recover 1,787 bbls, Total cost $59,182.98 345 psi on N2 regulator, 1900 psi on bottle, Pop off set at 8700 psi. Pressure tested to 8953 psi Good smooth job.Ball Seat Stage Pressures and Rate: 4871 psi @ 14.7 bpm , 4871 psi Pressure before Seating , 4717 psi Pressure after Seating. - Stage#18 N2 Pop Off set at 8,700 Psi, 345 Psi on regulator. 1,900 Psi N2 Bottle, tested to 8,970 OK. Hydraulic Fracture Basal Carbonate stage #18 as follows: SICP 4510 psi.Avg rate: 40bpm, Avg press: 4988 psi, Max rate: 40 bpm, Max press: 5987 Psi. FG.0.997, Total 30/50 White: 105506 lbs, Total 15% FE acid 0 gal. Avg HHP: 4829. Total load to recover 1,629 bbls, Total cost $61,980.74 Ball Seat Stage Pressures and Rate: 6375 psi @ 8.2 bpm ,

4649 psi Pressure before Seating , 4510 psi Pressure after Seating
Daily Cost: $0
Cumulative Cost: $1,231,534

5/26/2013 Day: 7 **Completion**

Rigless on 5/26/2013 - ND frac stack, NU drill out stack, snubbing unit, WOR, and test all, Pull hanger, RIH snubbing in workstring for drill out of sleeves. - Hold safety Meeting w/ Rig Crew . MIRU Guy out W/O rig & Snubbing Weatherford will test Snubbing Unit to Newfield Guideline standards. MI hydro walk & pipe racks . Have meeting w/ Weatherford BOP supv on operation of new Accumulator. Talley Tbg after QT casing Inspect is finished cleaning & drifting 2 3/8" PH6 W/O pipe. - MIRU Cameron and lubricate Hanger and back pressure valve and land in head, Close HCR and ND frac stack and NU drill out stack as follows: NU 10K 7-1/16" HCR Valve (Already Installed), 10K 7-1/16" pipe BOP with Blind - Shear rams and double valve choke/kill outlets, 10K 7-1/16" pipe BOP with 2-3/8" rams, 10K 7-1/16" flow cross with dual, double valved 2-1/16" outlets, 10K 7-1/16" single pipe BOP with 2-3/8" rams, Function and pressure test new BOP stack, With the bottom valve closed, pressure test BOP stack as per Newfield Pressures testing guidelines checklist, 250 Psi low, 10,000 Psi High,
Daily Cost: $0
Cumulative Cost: $1,258,219

5/27/2013 Day: 8 **Completion**

Rigless on 5/27/2013 - retest snubbing unit, test good, Snubbed hanger from well head, RIH wit BHA, Tag kill plug &drill out, drill out sleeves #19 to #9 - Pick up 1jt 2 3/8" PH6 5.95# tbg jt w/ 2 3/8"PH6x 2 7/8"eue crossover and pull test snubbing test unit, Checked for pressure between 7 1/16" 10k HCR and 7" tbg hanger, None, Equalized across hanger opened 7 1/16" HCR engaged 7" tbg hanger. Backed out Locking pins and snubbed hanger from well head, Laid down jt and tbg hanger on rack, - Weatherford testing Snubbing Unit to Newfield, blind rams leaking, replaced blind rams and retesting snubbing. - Current depth is @8803?w/ 283jts ITH. Casing pressure @ 3100psi. tagged 4.5? 10k kill plug @8803? 5.53? in on jt 283. Drilling on plug with 3,500 Psi well bore, 3,500 psi on flowback, 4,700 Psi pump pressure, Pumping 2.0 BPM returns 2.4 BPM @3,500 Psi, No issues at present time. Tagged sleeve #20, Drilling on sleeve #20 at report time. - Bled down well to check for pressure started w/ 3400psi bled down well for 20min to 2900 psi . Shut in for 10min pressure increased to 3200psi. MU BHA 3.75 4blade mill 2.875 bit sub,2.875 double flapper BPV 1jt 2 3/8? 5.95# PH6 2 3/8 RN nipple. Start snubbing in w/ 2 3/8" 5.95# PH6 tbg.
Daily Cost: $0
Cumulative Cost: $1,371,727

5/28/2013 Day: 9 **Completion**

Rigless on 5/28/2013 - Drill out plug, sleeves 19 - 14, unable to move tbg, working tbg. - RIH with 6 jts to tag #13 sleeve, jt #362 Tbg WT 50,000#down WT, 55,000# neutral, 59,000# up WT, Sleeve # 14 tag @ 11,258?,establish pump rate, 2.0 BPM, 4,900 psi, WH, 3,200 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve pulled up when torque was falling off. Torque came back operator came back down to engage sleeve ,tbg started torquing up .operator started pulling up when tbg stopped turning . started Working stuck pipe @11258 sleeve #13 pumping 2.3 bbls min 4700psi working down 45,000 Up to 49,000 torque set @ 2700rpm run pipe up& down w/ torque then shut down torque. Con?t working tbg down to 45,000 then up to 49,000. Con?t to circulate and work tbg . Pumping FR in 10 bbl sweeps also pumping 10bbl polymer sweeps. - Increase over pull to 85,000# locked down brake and left hang on blocks and monitor weights and pressures. Monitored well with no changes in well

conditions. Surged well with 85,000# over pull with 3 surges and no changes in well conditions.. Started pumping on tbg and out casing with 4,800 Psi on pump at 2.2 BPM. No changes in well conditions, open to flowback at 2.3 BPM and still no changes on tbg weight or in well conditions. Working tbg from 60,000# to 80,000# pumping at 4,800 Psi at 2.3 BPM and 2.3 BPM returns at flowback without torque in tubing, Work tubing by straight pull and slack off and straight pull and drop and catch down to 60,000# then back up to 80,000#, with and without torque in tubing, With no changes in tubing weight or tubing movements or in well conditions. Still unable to move tubing. - RIH with 34 jts to tag #20 sleeve, jt #318 Tbg WT 52,000#?, 54,000# ?, 56,000# ?, Sleeve # 20 tag @ 9,869? establish pump rate, 2.3 BPM @ 4,800 psi. WH 2,600 psi @ choke 21/64, Swivel rpm 110-120 WOB 6-10k, drill plug in 14 min, 2.3 bbls in x 3 bbls out, pump 10 bbl sweep circ. RIH with6 jts to tag #19 sleeve, jt #324 Tbg WT 54,000#?, 56,000# ?, 58,000# ?, Sleeve # 19 tag @ 10,058?, establish pump rate, 2.2 BPM, 4,850 psi, WH, 2,900 psi @ choke 21/64, Swivel rpm 110-120 WOB 6-10k, drill plug in 12 min, 2.3 bbls in x 2.8 bbls out, pump 10 bbl sweep circ. RIH with 6 jts to tag #18 sleeve, jt #3330 Tbg WT 49,000#, 60,000# ?, 54,000# ?, Sleeve # 18 tag @ 10,248?, establish pump rate, 2.2 BPM, 4,850 psi, WH, 2,900 psi @ choke 21/64, Swivel rpm 110-120 WOB 6-10k, drill plug in 4 min, 2.3 bbls in x 2.8 bbls out, pump 10 bbl sweep circ. - RIH with 6 jts to tag #17 sleeve, jt #337 Tbg WT 50,000#?, 54,000# ?, 58,000# ?, Sleeve # 17 tag @ 10,431?, establish pump rate, 2.0 BPM, 4,700 psi, WH, 3,200 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in7 min, 2.0 bbls in x 2.4 bbls out, pump 10 bbl sweep circ. RIH with 6 jts to tag #16 sleeve, jt #343 Tbg WT 50,000#?, 54,000# ?, 58,000# ?, Sleeve # 16 tag @ 10,622?,establish pump rate, 2.0 BPM, 4,700 psi, WH, 3,200 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in12 min, 2.0 bbls in x 2.4 bbls out, pump 10 bbl sweep circ. - RIH with 8 jts to tag #15 sleeve, jt #350 Tbg WT 50,000#down WT, 55,000# neutral, 58,000# up WT, Sleeve # 15 tag @ 10,855?,establish pump rate, 2.0 BPM, 4,700 psi, WH, 3,200 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in 5.5 min, 2.0 bbls in x 2.4 bbls out, pump 10 bbl sweep circ. RIH with 6 jts to tag #15 sleeve, jt #356 Tbg WT 50,000#down WT, 55,000# neutral, 59,000# up WT, Sleeve # 14 tag @ 11046?,establish pump rate, 2.0 BPM, 4,900 psi, WH, 3,200 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in 10 min, 2.0 bbls in x 2.4 bbls out, pump 10 bbl sweep circ.
Daily Cost: $0
Cumulative Cost: $1,409,764

5/29/2013 Day: 10 **Completion**

Rigless on 5/29/2013 - unable to move tbg, working tbg. POH tbg to pipoe heavy, 5,623', shut in well wait on day light to snub out. - Working tbg from 60,000# to 80,000# pumping at 4,800 Psi at 2.3 BPM and 2.3 BPM returns at flowback without torque in tubing, Work tubing by straight pull and slack off and straight pull and drop and catch down to 60,000# then back up to 80,000#, with and without torque in tubing, With no changes in tubing weight or tubing movements or in well conditions. Still unable to move tubing. - Working stuck pipe @11258 sleeve #13 pumping 2.3 bbls min 4800psi working down 60,000 Up to 80,000 torque set @ 2900rpm. Move pipe up& down w/ torque then shut down torque. Con?t working tbg down to 60,000 then up to 80,000. Con?t to circulate and work tbg . Pumping 10bbl polymer sweeps . 7bbl FR sweeps flowback 2900psi @ 2.5bbls min. also surging well w/ flow back every 2 hrs while tbg pulled up. With no changes in tubing weight or tubing movements or in well conditions. Still unable to move tubing. Getting show of oil in returns. Pumped blue dye sweep got dye Back @8:15. - Continue pumping at 4,800 Psi at 2.0 BPM and 2.1 BPM returns at flowback. Pull up to 80,000# locked down brake and left hang on blocks, Circulate sweep bottoms up with overpull on tbg. - Working tbg from 60,000# to 80,000# pumping at 4,800 Psi at 2.3 BPM and 2.3 BPM returns at flowback without torque in tubing, Work tubing by straight pull and slack off and straight pull and drop and catch down to 60,000# then back up to 80,000#, with and without torque in tubing, With no changes in tubing weight or tubing movements or in well conditions. Still unable to move tubing. - POH to lay down another 100 jts to 180 jts in hole (5,623?). - Circulate 7? casing volume to clean up well bore. Pump sweep

and circulating at 4,800 Psi at 2.3 BPM and 2.3 BPM returns at flowback. Shut down pump and close in flowback and well. - POOH w/ 2 3/8? 5.95 PH 6 - 362jts w/ BHA 3.75 4blade convex mill, bit sub, 2.875 double flapper valve 1 jt 2 3/8?PH6 RN nipple. POOH w/ tbg to jt157 R nipple start snubbing at that point. flowback 3200psi @ 3bbls min. Getting show of oil in returns.Continue to POH laying down 2 3/8 P-110 5.95# PH-6 work string on tubing racks, While pulling up we pulled into something above us, Tbg stuck at jt 292, 9,780?. Worked tbg to free up pipe, Unable to free tbg, Pick up swivel and pump down tbg and flowed casing, Worked pipe with swivel and torque and worked tbg free going down, Pulled up on pipe and pipe free up and down, Unable to go down past where pipe was stuck, Continue swiveling out with tbg and out of 4.5 liner with 12 jts, (8,700? two jts above liner.), flowing back well while pulling the 12 jts out, - Stopped pumping down tbg . Swapped hard line on weatherford pump to pump down CSG . W/ 4000psi max pressure. currently pressure 3900psi rate is 3.5bbls min established. Wil be shutting in flow back. Con?t working tbg down to 60,000 then up to 90,000. Con?t to circulate and work tbg w/ torque then shut down torque set @2900psi. Stopped working pipe up & down Pulled to 90,000# Con't to pump down CSG current rate @2.9bbls 4000psi . Will pump for 30min total fluid down CSG 318bbls.
Daily Cost: $0
Cumulative Cost: $1,490,716

5/30/2013 Day: 11 **Completion**

Rigless on 5/30/2013 - POH and lay down another, RIH 2 3/8? 5.95# PH6 2 3/8 MU BHA 3.77 4blade mill, - Wait on daylight to snub tbg out of hole. Monitor well pressure, clean location and work on equipment. - Continue to POH and lay down another 100 jts to 180 jts in hole (5,623?). 265 jts out of hole.. - Talley 434 jts 2 3/8? 5.95# PH6 2 3/8 MU BHA 3.77 4blade mill 2.875 bit sub,2.875 double flapper BPV 1jt 2 3/8? 5.95# PH6 2 3/8 RN nipple. SIH with BHA & 2 3/8? 5.95# PH6 tbg.fill tbg every 20 jts for first 100jts . Then every 40jts after.should NU R nipple on jt 157 ITH. - waiting for engineer to give a forward plan. QT and LOR found 11 bad jts in string and laid out of string and set on side of location. - Open well Continue to POOH w/ 2 3/8? 5.95 PH 6 Snubbing out ? 180 jts w/ BHA 3.75 4blade convex mill, bit sub, 2.875 double flapper valve 1 jt 2 3/8?PH6 RN nipple. LD Jts 14-13 to be inspected. Flow back 3100psi on gauge .currently shut in.Finished POOH w/ 2 3/8? 5.95 PH 6 w/ BHA 3.75 4blade convex mill, bit sub, 2.875 double flapper valve 1 jt 2 3/8?PH6 RN nipple. LD 3.75 mill . Inspected mill noticed excessive ware on bars end of mill rounding. Also seeing some scratching jt 80 to 1. Waiting for forward plan for engineering. Flow back 3100psi on gauge .currently shut in. QT on location Clean & drift 2 3/8 L-80 tbg.
Daily Cost: $0
Cumulative Cost: $1,539,474

5/31/2013 Day: 12 **Completion**

Rigless on 5/31/2013 - RIH 2 3/8? 5.95# PH6 2 3/8, drill out sleeves #12 to #1, circ well volume times 2.5, - RIH with 6 jts to tag #8 sleeve, jt #394 Tbg WT 54,000#?, 58,000# ?, 62,000# ?, Sleeve # 8 tag @ 12,241?, Establish pump rate, 2.0 BPM, 4,700 psi, WH, 3,200 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in12 min, 2.7 bbls in x 3.0 bbls out, pump 10 bbl sweep circ. RIH with 6 jts to tag #7 sleeve, jt #400 Tbg WT 55,000#?, 59,000# ?, 63,000# ?, Sleeve # 7 tag @ 12,432?, Establish pump rate, 2.0 BPM, 4,700 psi, WH, 2,500 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in 6 min, 2.7 bbls in x 3.0 bbls out, pump 10 bbl sweep circ. RIH with 6 jts to tag #6 sleeve, jt #406 Tbg WT 55,000#?, 59,000# ?, 64,000# ?, Sleeve # 6 tag @ 12,617?, Establish pump rate, 2.0 BPM, 4,700 psi, WH, 2,500 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in7 min, 2.0 bbls in x 2.4 bbls out, pump 10 bbl sweep circ. - RIH with 6 jts to tag #5 sleeve, jt #412 Tbg WT 56,000#?, 60,000# ?, 64,000# ?, Sleeve # 5 tag @ 12,811?, Establish pump rate, 2.7 BPM, 4,700 psi, WH, 2,500 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill

sleeve in 45 min, 2.7 bbls in x 3.3 bbls out, pump 10 bbl sweep circ. RIH with 6 jts to tag #4 sleeve, jt #414 Tbg WT 56,000#?, 60,000# ?, 64,000# ?, Sleeve # 4 tag @ 12,999?, Establish pump rate, 2.6 BPM, 4,700 psi, WH, 2,500 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in10 min, 2.6 bbls in x 3.4 bbls out, pump 10 bbl sweep circ. - Continue to Talley 434 jts 2 3/8? 5.95# PH6 2 3/8 MU BHA 3.77 4blade mill 2.875 bit sub,2.875 double flapper BPV 1jt 2 3/8? 5.95# PH6 2 3/8 RN nipple. SIH with BHA & 2 3/8? 5.95# PH6 tbg.fill tbg every 20 jts for first 100jts . Then every 40 jts after - Talley & RIH 2 3/8? 5.95# PH6 2 3/8 BHA 3.77 4blade mill 2.875 bit sub,2.875 double flapper BPV 1jt 2 3/8? 5.95# PH6 2 3/8 RN nipple. Jts ITH 293 @9139? Con?t RIH w/ 2 3/8? 5.95# PH6 tbg.swivel in tbg at this Time.Talley & RIH 2 3/8? 5.95# PH6 2 3/8 BHA 3.77 4blade mill 2.875 bit sub,2.875 double flapper BPV 1jt 2 3/8? 5.95# PH6 2 3/8 RN nipple. Jts ITH 318 @9869 ? taking weight @sleeve #20 milled for 15min pumping @3bbls min 4700psi pumped 10 bbl sweep . Flowed back @ 3.5 bbls min 2900psi . Con?t RIH w/ 2 3/8? 5.95# PH6 tbg. @jt 324 started taking weight @sleeve #19 mill on sleeve for 15 min pumping 2.5 bbls min @4700psi pumped 10 bbl sweep flow back 3.5 bbls @2900psi. Continue RIH w/ 2 3/8? 5.95# PH6 - Talley & RIH 2 3/8? 5.95# PH6 2 3/8 BHA 3.77 4blade mill 2.875 bit sub,2.875 double flapper BPV 1jt 2 3/8? 5.95# PH6 2 3/8 RN nipple. Jts ITH 336 @10431 ? did not take weight @sleeve17 flow back @ 3.5 bbls min 2100psi on 20 choke. Con?t RIH w/ 2 3/8? 5.95# PH6 tbg. @jt 342 10622?did not take weight @sleeve #16 flow back 3.5 bbls @2900psi. Continue RIH w/ 2 3/8? 5.95# PH6 tbg. RIHw/ jt 350 sleeve # 15 10855'did not take weight @sleeve #15 flow back 3.0 bbls @2400psi.RIH w/9jts 2 3/8? 5.95# PH6 tbg. RIHw/ jt 359 sleeve # 14 11046'did not take weight @sleeve #14 flow back 3.0 bbls @ 2200psi..RIH w/3jts 2 3/8? 5.95# PH6 tbg. RIHw/ jt 362 sleeve # 13 11241'did not take weight @sleeve #13 flow back 3.0 bbls @ 2200ps - Talley & RIH 2 3/8? 5.95# PH6 2 3/8 BHA 3.77 4blade mill 2.875 bit sub,2.875 double flapper BPV 1jt 2 3/8? 5.95# PH6 flow back 3.5 bbls @2200psi. RIH with 8 jts to tag #12 sleeve, jt #368 Tbg WT 54,000#down WT, 56,000# neutral, 58,000# up WT, Sleeve # 12 tag @ 11430?,establish pump rate, 2.7 BPM, 4,700 psi, WH, 2,200 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in 15 min, 2.7 bbls in x 3.0 bbls out, pump 10 bbl sweep circ. RIH with 9 jts to tag #11 sleeve, jt #375 Tbg WT 56,000#down WT, 58,000# neutral, 59,000# up WT, Sleeve # 11 tag @ 11,620?,establish pump rate, 2.7 BPM, 4,700 psi, WH, 2,200 psi @ choke 13/64, Swivel torque 2300 WOB 6-10k, drill sleeve in 9 min, 2.7 bbls in x 3.0 bbls out, pump . - RIH with 6 jts to tag #10 sleeve, jt #381 Tbg WT 56,000#down WT, 59,000# neutral, 62,000# up WT, Sleeve # 10 tag @ 11,812?,establish pump rate, 2.8 BPM, 4,800 psi, WH, 2,400 psi @ choke 13/64, Swivel torque 2500 WOB 6-10k, drill sleeve in 15 min, 2.8 bbls in x 3.0 bbls out, pump 10 bbl sweep. RIH with 6 jts to tag #9 sleeve, jt #387 Tbg WT 54,000#?, 58,000# ?, 60,000# ?, Sleeve # 9 tag @ 12,007, Establish pump rate, 2.0 BPM, 4,700 psi, WH, 3,200 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in12 min, 2.7 bbls in x 3.0 bbls out, pump 10 bbl sweep circ.
Daily Cost: $0
Cumulative Cost: $1,642,817

6/1/2013 Day: 13 **Completion**

Rigless on 6/1/2013 - POOH w/2 3/8? 5.95# PH6 to pipe light, shut down for daylight. - Laid down swivel, Well shut in and secured for night, SICP 2,300 Psi, Doing minor rig repair and clean location while wating on daylight to snub out of hole with tbg. - RIH with 6 jts to tag #3 sleeve, jt #426 Tbg WT 56,000#?, 62,000# ?, 66,000# ?, Sleeve # 3 tag @ 13,236?, Establish pump rate, 2.7 BPM, 4,700 psi, WH 2,500 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in 4 min, 2.7 bbls in x 3.4 bbls out, pump 10 bbl sweep circ. RIH with 6 jts to tag #2 sleeve, jt #432 Tbg WT 56,000#?, 62,000# ?, 67,000# ?, Sleeve # 2 tag @ 13,426?, Establish pump rate, 2.7 BPM, 4,700 psi, WH 2,500 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drill sleeve in 24 min, 2.7 bbls in x 3.3 bbls out, pump 10 bbl sweep circ. - Finished Circulating bottoms up 2 ? times 815.5 bbls @13,608?. POOH w/ 438jts 2 3/8? 5.95# PH6 2 3/8 BHA 3.77 4blade mill 2.875 bit sub,2.875 double flapper BPV 1jt 2 3/8? 5.95# PH6 .LD all.Swiveled up @ 356 sleeve #13 where drill string stuck while drilling out

Sleeves. Notice dragging between Sleeve#13& #14 Pumped 10bbl sweep while turning mill. Will swivel out next 5 jts POOH w/ JT 282 pump Bottoms up w/ 300bbls .To CIR to surface. RD power swivel. Con?t POOH w/ 282 jts 2 3/8? 5.95# PH6 2 3/8 BHA 3.77 4blade mill 2.875 bit sub,2.875 double flapper BPV 1jt 2 3/8? 5.95# PH6 . - RIH with 6 jts to tag #1 sleeve, jt #438 Tbg WT 56,000#?, 62,000# ?, 67,000# ?, Sleeve # 1 tag @ 13,608?, Establish pump rate, 2.7 BPM, 4,700 psi, WH 2,500 psi @ choke 13/64, Swivel rpm 110-120 WOB 6-10k, drilled on sleeve 10 min, 2.7 bbls in x 2.7 bbls out, pump 20 bbl sweep 50 bbl pad 20 bbl sweep and circulate bottoms up 2 ? volumes. Transferred 3 loads of oil from flowback tank to location?s production tank #3 Circulate well with 815.5 bbls (2.5 times bottoms up). 13,608?. Rotating and working tbg while circulating.
Daily Cost: $0
Cumulative Cost: $1,693,665

6/2/2013 Day: 14 **Completion**

Rigless on 6/2/2013 - wait on daylight, Snub out with PH-6 tbg, Snub in 2 3/8 prod tbg, hang tbg, MIRU test hanger, RD snubbing unit, WOR, - Well shut in and secured for night, SICP 2,300 Psi, Doing minor rig repair and clean location while wating on daylight to snub out of hole with tbg. - MU Prod BHA 2 3/8? notched collar, 2? 2 3/8?L-80 pup, Weatherford 10k ceramic Burst disk,2 3/8?XN nipple, 1 jt 2 3/8?L-80 tbg, 2 3/8? X nipple . RIH w/ Prod BHA 2 3/8? notched collar, 2? 2 3/8?L-80 pup, Weatherford 10k ceramic Burst disk,2 3/8?XN nipple, 1 jt 2 3/8?L-80 tbg, 2 3/8? X nipple . Subbing in 2 3/8? L-80 tbg fill every 1000?. 285 jts 2 3/8?L-80 8rd eu tbg. PUMU extended neck tbg hanger with TWCV. Land tbg hanger in head and set pins. No issues with hanger. (285 jts 2 3/8?L-80 8rd eu tbg ran, EOT 9,265.88' - MIRU Weatherford test unit and test tbg hanger to 10,000 Psi. Good, N/D Mt States Snubbing unit, Rig down Mt States Service unit. - Held safety meeting Reviewed JSA . Equalized well with Snubbing Unit . Start POOH w/ 120 jts 2 3/8? 5.95# PH6 BHA 3.77 4blade mill 2.875 bit sub,2.875 double flapper BPV 1jt 2 3/8? 5.95# PH6 .LD all. Picture mill Send pic's to newfield Engineer. Damage to mill shows odd wear to out side cutting edge.
Daily Cost: $0
Cumulative Cost: $1,735,099

6/3/2013 Day: 15 **Completion**

Rigless on 6/3/2013 - N/D 7 1/16? 10K BOP stack and N/U 10K Production tree, Pressure test, Wait on production to lay flow lines, - Start cleaning up location ,release all vendor equip. Hauling all flow back water. Turned well over to Prod - N/D 7 1/16? 10K BOP stack and N/U 10K Production tree, Pressure test Production Tree as per Newfield Pressures testing guidelines checklist, 250 Psi low, 10,000 Psi High, - Rig up pump on tree, Left well shut in, Wait on production to lay flow lines before the POP of well.Pressured well to 4400psi bust disk in 2 3/8 tbg . Pump three tbg volumes 2bbls min @4000psi . Shut down Weatherford Pump. 5min 3100psi, 10min 2800psi, 15 min 2400psi Pressure. Shut in bottom valve on prod tree. RDWeatherford pump.
Daily Cost: $0
Cumulative Cost: $1,894,393

7/6/2013 Day: 18 **Completion**

Rigless on 7/6/2013 - Enter Costs in DCR - Enter Costs in DCR. Capture costs July 31/2013
Daily Cost: $0
Cumulative Cost: $2,125,025

7/23/2013 Day: 1 **Install GLM**

Nabors #1460 on 7/23/2013 - MIRU - CREW TRAVEL - REMOVE TBG SUBS, REMOVE DOUBLE CHECK, SWIFN, OPEN CSG ON A 19 CHOKE OVERNIGHT - CREW TRAVEL - REMOVE TBG SUBS, REMOVE DOUBLE CHECK, SWIFN, OPEN CSG ON A 19 CHOKE OVERNIGHT - RU TESTER, TEST CAVITIES, BLINDS, PU TBG SUB W/ BLEED NIPPLE, TEST PIPES HYDRILL, TIW AND 2 KILL VALVES CSG FLOWING @ 50# - XO TO TBG, WAIT FOR BOPS INSTALL, DOUBLE CHECK, ND TREE, NU, SPOOL BOPS AND HYDRILL, RU FLOOR TONGS, WAIT FOR TESTER, CSG FLOWING @ 200# - POST TRIPS, SPOT IN AND RU, PUMP 60 BBLS DWN TBG - ROAD RIG 14 MILES TO LOCATION - RD, LOAD UP, PRE TRIPS - SAFETY MEETING - CREW TRAVEL - POST TRIPS, SPOT IN AND RU, PUMP 60 BBLS DWN TBG - ROAD RIG 14 MILES TO LOCATION - RU TESTER, TEST CAVITIES, BLINDS, PU TBG SUB W/ BLEED NIPPLE, TEST PIPES HYDRILL, TIW AND 2 KILL VALVES CSG FLOWING @ 50# - XO TO TBG, WAIT FOR BOPS INSTALL, DOUBLE CHECK, ND TREE, NU, SPOOL BOPS AND HYDRILL, RU FLOOR TONGS, WAIT FOR TESTER, CSG FLOWING @ 200# - CREW TRAVEL - SAFETY MEETING - RD, LOAD UP, PRE TRIPS
Daily Cost: $0
Cumulative Cost: $8,966

7/24/2013 Day: 2 **Install GLM**

Nabors #1460 on 7/24/2013 - POOH W/ TBG - POOH W/ 285 JNTS 2 3/8" TBG TALLY OUT LD BHA - HO PUMPED 60 BBLS DWN STILL FLOWING PUMP ANOTHER 60 BLEED DWN OPEN UP WELL UPSHAW INSPECTION DONE - SAFETY MEETING - CREW TRAVEL - SAFETY MEETING - CREW TRAVEL - POOH W/ 285 JNTS 2 3/8" TBG TALLY OUT LD BHA - RIH W/ 85 JNTS TBG EOT 2785 SWIFN - CREW TRAVEL - CREW TRAVEL - RIH W/ 85 JNTS TBG EOT 2785 SWIFN - HO PUMPED 60 BBLS DWN STILL FLOWING PUMP ANOTHER 60 BLEED DWN OPEN UP WELL UPSHAW INSPECTION DONE
Daily Cost: $0
Cumulative Cost: $15,091

7/25/2013 Day: 3 **Install GLM**

Nabors #1460 on 7/25/2013 - Pump 60 bbls brine down tbg to kill well. POOH w/ 85- jts tbg. PU & RIH w/ pkr, GLM & tbg as detailed @ 2' per second. Land tbg. PU on tbg for 8K comp. Fill tbg w/ 9 BW, press up & set pkr. ND BOP. NUWH. RDMO. - PU on tbg for 8K comp. Fill tbg w/ 9 BW, press up & set pkr. ND BOP. NUWH. - PU & RIH w/ pkr, GLM & tbg as detailed @ 2' per second. Land tbg. - Pump 60 bbls brine down tbg to kill well. POOH w/ 85- jts tbg. - Crew travel - RDMO. Open well to prduction. - PU on tbg for 8K comp. Fill tbg w/ 9 BW, press up & set pkr. ND BOP. NUWH. - PU & RIH w/ pkr, GLM & tbg as detailed @ 2' per second. Land tbg. - Pump 60 bbls brine down tbg to kill well. POOH w/ 85- jts tbg. - Crew travel - RDMO. Open well to prduction.
Daily Cost: $0
Cumulative Cost: $61,120

Pertinent Files: Go to File List